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# Uranium Chips and Turnings WDRs

R. Hollister

July 15, 2009

## **Disclaimer**

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# Disposal Request Report

7/13/09 4:54 PM

W111327

W111327		Container Information		Container Custom	
Requester Name	GENTRY, ROBERT	Container	Q00024704	Other Container Size	
Requester Phone	46240	Waste Name	SPENT INORGANIC SOLID DEP-U PIECES	(cu meters)	
Request Date	3/22/97 12:00 AM			WAA Receival Date	
Location	B321B WAA	Profile Number	R-UMB-0001-01		
Building	321	Waste Type	LLW	On-site Use Only?	SELECT
Room	1437	Container Type	DM		
Directorate	ENGINEERING	Container Size	30G	Manufacturer Serial	
Account Number	406301	Curr. Quantity	101	No./Batch No.	
Form Code	B319	Orig. Quantity	101	Meets SCIL	
Source Code	A491	Unit of Measure	K	N/A	
Comments	Loaded from TWMS 26-JAN-04: SPENT INORGANIC SOLID DEP-U PIECES	WP Start Date	6/17/96 12:00 AM	Meets SCAL	
		WP End Date	3/22/97 12:00 AM	N/A	
		Curr. Gross	253		
		Orig. Gross	253 lbs (114.76 kgs)	Overpack for Final	N/A
		Tare Weight	lbs ( kgs)	Shipment to NTS	
		Chemical	DRY SOLIDS	Waste Package Seals	N/A
		Comments	Loaded from TWMS 26-JAN-04	applied?	
				Waste Package Seal	
				Numbers	

Physical Properties		Other Waste Properties		Rad Custom Properties	
Drug Precursor	NO	MBA Quantity?	No	TSDF Profile	
Spent/Unused	SPENT	Waste contains > 10 LLNL Pu-Eq grams?	No	Calc Total Pu-eq-g	.0000E+00
Waste Form	SOLID	Do not store in a fissionable array.	No	Calc NatU-eq-g	1.0100E+05
Toxic?	F	NTS Certified?	No	Beryllium grams	
Corrosive?	F	Energy Solutions Certified?	No	Carbon grams	
Ignitable?	F	On-site Treatment?	No	Enriched in Deuterium	N/A
Reactive?	F	Does Waste contain EXPLOSIVES (TNT,	No	Rad Weight determined by	SELECT
Extremely Hazardous	F	Does the Waste contain PYROPHORICS	No	Scale Calibration due date	
pH		(Uranium turnings that could		Scale serial number	
pH Sources	N/A	spontaneously combust if exposed to		<= mR/hr betagamma at Contact	
Normality		Does Waste contain COMPRESSED GAS	No	<= mR/hr betagamma at 1 Meter	
Flash Point degrees		(unpunctured aerosol can)?		<= mR/hr Neutron at Contact	
		Does Waste contain CHELATING AGENTS	No	Swipe data complies with on-	
		(Radiac wash > 1% by weight)?		site transfer requirements	
		Does Waste contain PCBs?	No	Survey Meter Model	

**Other Waste Properties**

Does Waste contain FRIABLE ASBESTOS? No  
Does Waste contain CLASSIFIED MATERIAL? No  
Does Waste contain FREE LIQUIDS? Yes  
Waste does NOT comply with LDR Treatment Standards (Yes means it does not comply - specify STP info)? No

**Rad Custom Properties**

Survey Meter Serial Number  
Survey Meter Reading  
Survey Meter UOM N/A  
Survey Meter Calibration due  
Check source jig number  
Detector Response (+/- 30%) N/A

**No Chemicals or Constituents****No Container Holds****Waste Custom Properties**

Site Treatment Plan N/A  
Acceptable for Sampling?  
CC Rule N/A  
CC Rule Determination  
Site Treatment Plan Date  
Site Treatment Plan Date Removed  
RMMA? If yes, and not Rad waste, answer next two questions, also. YES  
Chemist Review Date  
Was Waste possibly exposed to processes resulting in Radioactive Contamination? N/A  
Was Waste exposed to Radioactive inducing particle beam? N/A  
Does Waste contain radioactive components? YES  
STP Time Period N/A  
STP Notes  
Reason Removed from STP N/A  
Does waste contain Beryllium? SELECT

**NUCLIDE**

Depleted U

**Activity (Ci)**

3.8E-2

**Quant. Meth.**

N/A

**No EPA Codes****No DTSC****Review Date**

2/28/04 10:48 AM

3/2/04 11:54 AM

**Comments**

Data entry update 2/28/2004

QA'd

**Reviewer**

Chris Rasmussen

Susan Gagner

**Locked**

No

Yes

# Disposal Request Report

7/13/09 4:54 PM

W111374

W111374		Container Information		Container Custom	
Requester Name	GENTRY, ROBERT	Container	Q00026478	Other Container Size	
Requester Phone	46240	Waste Name	SPENT INORGANIC SOLID, DEP-U PIECES	(cu meters)	
Request Date	6/30/97 12:00 AM			WAA Receival Date	
Location	B321B WAA	Profile Number	R-UMB-0001-01		
Building	321	Waste Type	LLW	On-site Use Only?	SELECT
Room	1437	Container Type	DM		
Directorate	ENGINEERING	Container Size	30G	Manufacturer Serial	
Account Number	406301	Curr. Quantity	143	No./Batch No.	
Form Code	null	Orig. Quantity	143	Meets SCIL	N/A
Source Code	A491	Unit of Measure	K		
Comments	Loaded from TWMS 26-JAN-04: SPENT INORGANIC SOLID, DEP-U PIECES	WP Start Date	3/24/97 12:00 AM	Meets SCAL	N/A
		WP End Date	6/30/97 12:00 AM		
		Curr. Gross		Overpack for Final	
		Orig. Gross	lbs ( kgs)	Shipment to NTS	
		Tare Weight	lbs ( kgs)	Waste Package Seals	
		Chemical	DRY SOLIDS	applied?	
		Comments	Loaded from TWMS 26-JAN-04	Waste Package Seal	
				Numbers	

Physical Properties		Other Waste Properties		Rad Custom Properties	
Drug Precursor	NO	MBA Quantity?	No	TSDF Profile	
Spent/Unused	SPENT	Waste contains > 10 LLNL Pu-Eq grams?	No	Calc Total Pu-eq-g	.0000E+00
Waste Form	SOLID	Do not store in a fissionable array.	No	Calc NatU-eq-g	1.2700E+05
Toxic?	F	NTS Certified?	No	Beryllium grams	
Corrosive?	F	Energy Solutions Certified?	No	Carbon grams	
Ignitable?	F	On-site Treatment?	No	Enriched in Deuterium	N/A
Reactive?	F	Does Waste contain EXPLOSIVES (TNT,	No	Rad Weight determined by	SELECT
Extremely Hazardous	F	Does the Waste contain PYROPHORICS	No	Scale Calibration due date	
pH		(Uranium turnings that could		Scale serial number	
pH Sources	N/A	spontaneously combust if exposed to		<= mR/hr betagamma at Contact	
Normality		Does Waste contain COMPRESSED GAS	No	<= mR/hr betagamma at 1 Meter	
Flash Point degrees		(unpunctured aerosol can)?		<= mR/hr Neutron at Contact	
		Does Waste contain CHELATING AGENTS	No	Swipe data complies with on-	
		(Radiac wash > 1% by weight)?		site transfer requirements	
		Does Waste contain PCBs?	No	Survey Meter Model	

**Other Waste Properties**

Does Waste contain FRIABLE ASBESTOS? No  
Does Waste contain CLASSIFIED MATERIAL? No  
Does Waste contain FREE LIQUIDS? Yes  
Waste does NOT comply with LDR No  
Treatment Standards (Yes means it does  
not comply - specify STP info)?

**Rad Custom Properties**

Survey Meter Serial Number  
Survey Meter Reading  
Survey Meter UOM N/A  
Survey Meter Calibration due  
Check source jig number  
Detector Response (+/- 30%) N/A

No Chemicals or Constituents

No Container Holds

**Waste Custom Properties**

Site Treatment Plan N/A  
Acceptable for Sampling?  
CC Rule N/A  
CC Rule Determination  
Site Treatment Plan Date  
Site Treatment Plan Date Removed  
RMMA? If yes, and not Rad waste, YES  
answer next two questions, also.  
Chemist Review Date  
Was Waste possibly exposed to N/A  
processes resulting in Radioactive  
Contamination?  
Was Waste exposed to Radioactive N/A  
inducing particle beam?  
Does Waste contain radioactive YES  
components?  
STP Time Period N/A  
STP Notes  
Reason Removed from STP N/A  
Does waste contain Beryllium? SELECT

**NUCLIDE**

Depleted U

**Activity (Ci)**

4.7E-2

**Quant. Meth.**

N/A

No EPA Codes

No DTSC

**Review Date**

2/28/04 10:56 AM

3/2/04 11:37 AM

**Comments**

Data entry update 2/28/2004

QA'd

**Reviewer**

Chris Rasmussen

Susan Gagner

**Locked**

No

Yes

# Disposal Request Report

7/13/09 4:54 PM

W124090

W124090		Container Information		Container Custom	
Requester Name	GENTRY, ROBERT	Container	Q00028010	Other Container Size	
Requester Phone	46240	Waste Name	SPENT INORGANIC SOLID, SOLID PIECES DEP-U	(cu meters)	
Request Date	7/7/97 12:00 AM			WAA Receival Date	
Location	B321B WAA	Profile Number	R-UMB-0001-01		
Building	321	Waste Type	LLW	On-site Use Only?	SELECT
Room	1437	Container Type	DM		
Directorate	ENGINEERING	Container Size	30G	Manufacturer Serial	
Account Number	406301	Curr. Quantity	175	No./Batch No.	
Form Code	null	Orig. Quantity	175	Meets SCIL	N/A
Source Code	A491	Unit of Measure	K		
Comments	Loaded from TWMS 26-JAN-04: SPENT INORGANIC SOLID, SOLID PIECES DEP-U	WP Start Date	6/26/97 12:00 AM	Meets SCAL	N/A
		WP End Date	7/7/97 12:00 AM		
		Curr. Gross	419	Overpack for Final	
		Orig. Gross	419 lbs (190.06 kgs)	Shipment to NTS	
		Tare Weight	34 lbs (15.42 kgs)	Waste Package Seals	
		Chemical	DRY SOLIDS	applied?	
		Comments	Loaded from TWMS 26-JAN-04	Waste Package Seal	
				Numbers	

Physical Properties		Other Waste Properties		Rad Custom Properties	
Drug Precursor	NO	MBA Quantity?	No	TSDF Profile	
Spent/Unused	SPENT	Waste contains > 10 LLNL Pu-Eq grams?	No	Calc Total Pu-eq-g	.0000E+00
Waste Form	SOLID	Do not store in a fissionable array.	No	Calc NatU-eq-g	1.7500E+05
Toxic?	F	NTS Certified?	No	Beryllium grams	
Corrosive?	F	Energy Solutions Certified?	No	Carbon grams	
Ignitable?	F	On-site Treatment?	No	Enriched in Deuterium	N/A
Reactive?	F	Does Waste contain EXPLOSIVES (TNT,	No	Rad Weight determined by	SELECT
Extremely Hazardous	F	Does the Waste contain PYROPHORICS	No	Scale Calibration due date	
pH		(Uranium turnings that could		Scale serial number	
pH Sources	N/A	spontaneously combust if exposed to		<= mR/hr betagamma at Contact	
Normality		Does Waste contain COMPRESSED GAS	No	<= mR/hr betagamma at 1 Meter	
Flash Point degrees		(unpunctured aerosol can)?		<= mR/hr Neutron at Contact	
		Does Waste contain CHELATING AGENTS	No	Swipe data complies with on-	
		(Radiac wash > 1% by weight)?		site transfer requirements	
		Does Waste contain PCBs?	No	Survey Meter Model	

**Other Waste Properties**

Does Waste contain FRIABLE ASBESTOS? No  
Does Waste contain CLASSIFIED MATERIAL? No  
Does Waste contain FREE LIQUIDS? Yes  
Waste does NOT comply with LDR No  
Treatment Standards (Yes means it does  
not comply - specify STP info)?

**Rad Custom Properties**

Survey Meter Serial Number  
Survey Meter Reading  
Survey Meter UOM N/A  
Survey Meter Calibration due  
Check source jig number  
Detector Response (+/- 30%) N/A

No Chemicals or Constituents

No Container Holds

**Waste Custom Properties**

Site Treatment Plan N/A  
Acceptable for Sampling?  
CC Rule N/A  
CC Rule Determination  
Site Treatment Plan Date  
Site Treatment Plan Date Removed  
RMMA? If yes, and not Rad waste, YES  
answer next two questions, also.  
Chemist Review Date  
Was Waste possibly exposed to N/A  
processes resulting in Radioactive  
Contamination?  
Was Waste exposed to Radioactive N/A  
inducing particle beam?  
Does Waste contain radioactive YES  
components?  
STP Time Period N/A  
STP Notes  
Reason Removed from STP N/A  
Does waste contain Beryllium? SELECT

**NUCLIDE**

Depleted U

**Activity (Ci)**

6.5E-2

**Quant. Meth.**

N/A

No EPA Codes

No DTSC

**Review Date**

2/28/04 11:03 AM

3/2/04 11:30 AM

**Comments**

Data entry update 2/28/2004

QA'd

**Reviewer**

Chris Rasmussen

Susan Gagner

**Locked**

No

Yes



# Disposal Request Report

7/13/09 4:54 PM

W152468

W152468		Container Information		Container Custom	
Requester Name	RODNEY COLEMAN	Container	Q00076415	Other Container Size	
Requester Phone	44198	Waste Name	DEPLETED URANIUM CHIPS AND POWDER UNDER TRIM SOL. 30 GAL	(cu meters)	
Request Date	6/25/03 12:00 AM			WAA Receival Date	
Location	ATGEN	Profile Number	R-UMB-0001-01		
Building	231	Waste Type	LLW	On-site Use Only?	NO
Room	1351	Container Type	DM		
Directorate	ENGINEERING	Container Size	55G	Manufacturer Serial	
Account Number	307994	Curr. Quantity	3	No./Batch No.	
Form Code	B319	Orig. Quantity	3	Meets SCIL	YES
Source Code	A582	Unit of Measure	K		
Comments	Loaded from TWMS 26-JAN-04: UNUSED INORGANIC SOLID, DEPLETED URANIUM CHIPS AND POWDER UNDER TRIM SOL. 30 GALLON DRUM OVERPACKED IN TO 55 GALLON DRUM WITH VENT CAP ON 30 GALLON DRUM #MC1740. VENT CAP ON 55 GALLON DRUM #MC1399.	WP Start Date	5/7/03 12:00 AM	Meets SCAL	YES
		WP End Date	5/7/03 12:00 AM		
		Curr. Gross	300	Overpack for Final	N/A
		Orig. Gross	300 lbs (136.08 kgs)	Shipment to NTS	
		Tare Weight	49 lbs (22.23 kgs)	Waste Package Seals	YES
		Chemical	REACTIVE CONSTITUENTS	applied?	
		Comments	Loaded from TWMS 26-JAN-04	Waste Package Seal	L03833 /
				Numbers	L03834

Physical Properties		Other Waste Properties		Rad Custom Properties	
Drug Precursor	NO	MBA Quantity?	No	TSDF Profile	
Spent/Unused	SPENT	Waste contains > 10 LLNL Pu-Eq grams?	No	Calc Total Pu-eq-g	.0000E+00
Waste Form	SOLID	Do not store in a fissionable array.	No	Calc NatU-eq-g	3.0000E+03
Toxic?	F	NTS Certified?	No	Beryllium grams	0
Corrosive?	F	Energy Solutions Certified?	No	Carbon grams	0
Ignitable?	F	On-site Treatment?	No	Enriched in Deuterium	NO
Reactive?	F	Does Waste contain EXPLOSIVES (TNT,	No	Rad Weight determined by	ESTIMATED
Extremely Hazardous	F	Does the Waste contain PYROPHORICS	No	WEIGHT	
pH		(Uranium turnings that could		Scale Calibration due date	
pH Sources	N/A	spontaneously combust if exposed to		Scale serial number	
Normality		Does Waste contain COMPRESSED GAS	No	<= mR/hr betagamma at Contact	.1
Flash Point degrees		(unpunctured aerosol can)?		<= mR/hr betagamma at 1 Meter	.1
		Does Waste contain CHELATING AGENTS	No	<= mR/hr Neutron at Contact	
		(Radiac wash > 1% by weight)?		Swipe data complies with on-	YES
		Does Waste contain PCBs?	No	site transfer requirements	

### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? No  
 Waste does NOT comply with LDR No  
 Treatment Standards (Yes means it does not comply - specify STP info)?

### Rad Custom Properties

Survey Meter Model  
 Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

### Constituent/Chemical

MIN

AVE

MAX

UOM

No Container Holds

DEP-U CHIPS AND POWDER UNDER TRIM SOL

100

%(CONST)

### Waste Custom Properties

STP Time Period N/A  
 STP Notes  
 Site Treatment Plan N/A  
 Acceptable for Sampling? EXEMPT - OP  
 CC Rule N/A  
 CC Rule Determination N/A  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 RMMA? If yes, and not Rad waste, YES  
 answer next two questions, also.  
 Chemist Review Date 07/03/2003  
 Was Waste possibly exposed to N/A  
 processes resulting in Radioactive Contamination?  
 Was Waste exposed to Radioactive N/A  
 inducing particle beam?  
 Does Waste contain radioactive YES  
 components?  
 Reason Removed from STP N/A  
 Does waste contain Beryllium? SELECT

### NUCLIDE

Depleted U

### Activity (Ci)

1.1E-3

### Quant. Meth.

N/A

No EPA Codes

No DTSC

### Review Date

5/13/05 11:31 AM

5/13/05 1:31 PM

5/16/05 8:39 AM

5/16/05 8:40 AM

### Comments

TWMPOR FOR PROPER PRINTING

TWMPOR COMPLETE

QA EDITS

QA EDIT COMPLETE

### Reviewer

Will Coleman

Will Coleman

Will Coleman

Will Coleman

### Locked

No

Yes

No

Yes



# Disposal Request Report

7/13/09 4:54 PM

W205707

W205707		Container Information		Container Custom	
Requester Name	COLEMAN, RODNEY	Container	Q00076419	Other Container Size	
Requester Phone	44198	Waste Name	DEPLETED URANIUM CHIPS AND POWDER UNDER TRIMSOL.	(cu meters)	
Request Date	5/7/03 12:00 AM			WAA Receival Date	
Location	ATGEN	Profile Number	R-UMB-0001-01		
Building	231	Waste Type	LLW	On-site Use Only?	NO
Room	1351	Container Type	DM		
Directorate	ENGINEERING	Container Size	55G	Manufacturer Serial	KUZ103
Account Number	307994	Curr. Quantity	2	No./Batch No.	
Form Code	B319	Orig. Quantity	2	Meets SCIL	N/A
Source Code	A582	Unit of Measure	K		
Comments	Loaded from TWMS 26-JAN-04: UNUSED INORGANIC SOLID, DEPLETED URANIUM CHIPS AND POWDER UNDER TRIMSOL. SMALL AMT OF NP237 IS COATED ON TO THE DEP-U. WASTE IS A 30 GALLON DRUM OVERPACKED TO 55 GAL DRUM. FIELD GAMMA ID #321 DU#1. VENT CAPS ON 30 GAL DRUM #CD-7	WP Start Date	5/7/03 12:00 AM	Meets SCAL	YES
		WP End Date	5/7/03 12:00 AM		
		Curr. Gross	300	Overpack for Final	N/A
		Orig. Gross	300 lbs (136.08 kgs)	Shipment to NTS	
		Tare Weight	49 lbs (22.23 kgs)	Waste Package Seals	YES
		Chemical	DRY SOLIDS	applied?	
		Comments	Loaded from TWMS 26-JAN-04	Waste Package Seal	L03840/L03
				Numbers	835

Physical Properties		Other Waste Properties		Rad Custom Properties	
Drug Precursor	NO	MBA Quantity?	No	TSDF Profile	
Spent/Unused	SPENT	Waste contains > 10 LLNL Pu-Eq grams?	No	Calc Total Pu-eq-g	1.0000E-01
Waste Form	SOLID	Do not store in a fissionable array.	No	Calc NatU-eq-g	2.0000E+03
Toxic?	F	NTS Certified?	No	Beryllium grams	0
Corrosive?	F	Energy Solutions Certified?	No	Carbon grams	0
Ignitable?	F	On-site Treatment?	Yes	Enriched in Deuterium	NO
Reactive?	F	Does Waste contain EXPLOSIVES (TNT,	No	Rad Weight determined by	SELECT
Extremely Hazardous	F	Does the Waste contain PYROPHORICS	Yes	Scale Calibration due date	
pH		(Uranium turnings that could		Scale serial number	
pH Sources	N/A	spontaneously combust if exposed to		<= mR/hr betagamma at Contact	.1
Normality		Does Waste contain COMPRESSED GAS	No	<= mR/hr betagamma at 1 Meter	.1
Flash Point degrees		(unpunctured aerosol can)?		<= mR/hr Neutron at Contact	N/A
		Does Waste contain CHELATING AGENTS	No	Swipe data complies with on-	YES
		(Radiac wash > 1% by weight)?		site transfer requirements	
		Does Waste contain PCBs?	No	Survey Meter Model	

### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? Yes  
 Waste does NOT comply with LDR Treatment Standards (Yes means it does not comply - specify STP info)? No

### Rad Custom Properties

Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

### Constituent/Chemical

MIN

AVE

MAX

UOM

No Container Holds

Dep-U chips and powder submerged under trim

100

%(CONST)

### Waste Custom Properties

STP Time Period N/A  
 STP Notes  
 Site Treatment Plan N/A  
 Acceptable for Sampling?  
 CC Rule N/A  
 CC Rule Determination  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 RMMA? If yes, and not Rad waste, answer next two questions, also. YES  
 Chemist Review Date  
 Was Waste possibly exposed to processes resulting in Radioactive Contamination? N/A  
 Was Waste exposed to Radioactive inducing particle beam? N/A  
 Does Waste contain radioactive components? YES  
 Reason Removed from STP N/A  
 Does waste contain Beryllium? SELECT

### NUCLIDE

### Activity (Ci)

### Quant. Meth.

Depleted U

7.4E-4

N/A

Np-237

7.0E-5

N/A

No EPA Codes

No DTSC

Review Date

Comments

Reviewer

Locked

8/1/05 3:57 PM

unlocked for edits

Edward Chun

No

8/5/05 9:02 AM

Done

Susan Gagner

Yes

# Disposal Request Report

7/13/09 4:54 PM

W228067

W228067		Container Information		Container Custom	
Requester Name	COLEMAN, RODNEY	Container	Q00079416	Other Container Size	
Requester Phone	44198	Waste Name	NATURAL URANIUM CHIPS AND POWDER IN TRIMSOL	(cu meters)	
Request Date	6/25/03 12:00 AM			WAA Receiving Date	
Location	ATGEN	Profile Number	R-UMB-0001-01		
Building	231	Waste Type	LLW	On-site Use Only?	SELECT
Room	1351	Container Type	DM		
Directorate	ENGINEERING	Container Size	55G	Manufacturer Serial	KUZ0103
Account Number	307994	Curr. Quantity	300	No./Batch No.	
Form Code	B319	Orig. Quantity	300	Meets SCIL	YES
Source Code	A582	Unit of Measure	P		
Comments	Loaded from TWMS 26-JAN-04: UNUSED INORGANIC SOLID, NATURAL URANIUM CHIPS AND POWDER UNDER TRIM SOL. 30 GALLON DRUM OVERPACKED IN TO 55 GALLON DRUM, VENT CAP ON 55 GALLON DRUM #CD-734.	WP Start Date	5/7/03 12:00 AM	Meets SCAL	YES
		WP End Date	5/7/03 12:00 AM		
		Curr. Gross	300	Overpack for Final	N/A
		Orig. Gross	300 lbs (136.08 kgs)	Shipment to NTS	
		Tare Weight	49 lbs (22.23 kgs)	Waste Package Seals	N/A
		Chemical	DRY SOLIDS	applied?	
		Comments	Loaded from TWMS 26-JAN-04, LL-PYRO-U	Waste Package Seal	
				Numbers	

Physical Properties		Other Waste Properties		Rad Custom Properties	
Drug Precursor	SELECT	MBA Quantity?	No	TSDF Profile	
Spent/Unused	SPENT	Waste contains > 10 LLNL Pu-Eq grams?	No	Calc Total Pu-eq-g	.0000E+00
Waste Form	SOLID	Do not store in a fissionable array.	No	Calc NatU-eq-g	1.0000E+03
Toxic?	F	NTS Certified?	No	Beryllium grams	0
Corrosive?	F	Energy Solutions Certified?	No	Carbon grams	0
Ignitable?	F	On-site Treatment?	Yes	Enriched in Deuterium	NO
Reactive?	F	Does Waste contain EXPLOSIVES (TNT,	No	Rad Weight determined by	ESTIMATED
Extremely Hazardous	F	Does the Waste contain PYROPHORICS	Yes	WEIGHT	
pH		(Uranium turnings that could		Scale Calibration due date	
pH Sources	N/A	spontaneously combust if exposed to		Scale serial number	
Normality		Does Waste contain COMPRESSED GAS	No	<= mR/hr betagamma at Contact	.15
Flash Point degrees		(unpunctured aerosol can)?		<= mR/hr betagamma at 1 Meter	.1
		Does Waste contain CHELATING AGENTS	No	<= mR/hr Neutron at Contact	
		(Radiac wash > 1% by weight)?		Swipe data complies with on-	YES
		Does Waste contain PCBs?	No	site transfer requirements	

### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? Yes  
 Waste does NOT comply with LDR No  
 Treatment Standards (Yes means it does not comply - specify STP info)?

### Rad Custom Properties

Survey Meter Model  
 Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

### Constituent/Chemical

MIN

AVE

MAX

UOM

No Container Holds

Natural uranium chips and powder in trimsol

100

%(CONST)

### Waste Custom Properties

STP Time Period N/A  
 STP Notes  
 Site Treatment Plan N/A  
 Acceptable for Sampling?  
 CC Rule N/A  
 CC Rule Determination  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 RMMA? If yes, and not Rad waste, YES  
 answer next two questions, also.  
 Chemist Review Date  
 Was Waste possibly exposed to N/A  
 processes resulting in Radioactive  
 Contamination?  
 Was Waste exposed to Radioactive N/A  
 inducing particle beam?  
 Does Waste contain radioactive YES  
 components?  
 Reason Removed from STP N/A  
 Does waste contain Beryllium? SELECT

NUCLIDE

Activity (Ci)

Quant. Meth.

Natural U

7.1E-4

N/A

No EPA Codes

No DTSC

Review Date

Comments

Reviewer

Locked

10/14/05 2:36 PM

TWMSporting

Susan Gagner

No

10/14/05 2:43 PM

Done

Susan Gagner

Yes

# Disposal Request Report

7/13/09 4:54 PM

W212535

W212535		Container Information		Container Custom	
Requester Name	Amy Kirch	Container	Q00082232	Other Container Size	
Requester Phone	4-6240	Waste Name	DEP-U CHIPS AND TURNINGS	(cu meters)	
Request Date	3/24/04 12:00 AM			WAA Receival Date	
Location	B321C WAA	Profile Number	R-UMB-0001-01		
Building	321	Waste Type	LLW	On-site Use Only?	NO
Room	1437	Container Type	DM		
Directorate	ENGINEERING	Container Size	55G	Manufacturer Serial	KUZ0068
Account Number	406304	Curr. Quantity	264	No./Batch No.	
Form Code	B319	Orig. Quantity	264	Meets SCIL	YES
Source Code	A491	Unit of Measure	P		
Comments	Dep-U chips/turnings covered in coolant packed in a 30 gal drum and over-packed to a 55 gal drum. Gortex filter vents on both drums	WP Start Date	1/12/04 12:00 AM	Meets SCAL	YES
		WP End Date	3/24/04 12:00 AM		
		Curr. Gross	347	Overpack for Final	NO
		Orig. Gross	347 lbs (157.4 kgs)	Shipment to NTS	
		Tare Weight	83 lbs (37.65 kgs)	Waste Package Seals	YES
		Chemical	DRY SOLIDS	applied?	
		Comments	99 lbs Dep-U	Waste Package Seal	09023
			165 lbs coolant	Numbers	inner,
			PKE 253		
			BIN LLPYRO-U		

Physical Properties		Other Waste Properties		Rad Custom Properties	
Drug Precursor	SELECT	MBA Quantity?	Yes	TSDF Profile	
Spent/Unused	SPENT	Waste contains > 10 LLNL Pu-Eq grams?	No	Calc Total Pu-eq-g	.0000E+00
Waste Form	SOLID	Do not store in a fissionable array.	No	Calc NatU-eq-g	4.5200E+04
Toxic?	F	NTS Certified?	No	Beryllium grams	0
Corrosive?	F	Energy Solutions Certified?	No	Carbon grams	0
Ignitable?	F	On-site Treatment?	Yes	Enriched in Deuterium	NO
Reactive?	F	Does Waste contain EXPLOSIVES (TNT,	No	Rad Weight determined by	CALIBRATED
Extremely Hazardous	F	Does the Waste contain PYROPHORICS	No	SCALE	
pH	N/A	(Uranium turnings that could		Scale Calibration due date	04/01/2004
pH Sources	N/A	spontaneously combust if exposed to		Scale serial number	7203904
Normality	N/A	Does Waste contain COMPRESSED GAS	No	<= mR/hr betagamma at Contact	1.8
Flash Point degrees	NA	(unpunctured aerosol can)?		<= mR/hr betagamma at 1 Meter	.46
		Does Waste contain CHELATING AGENTS	No	<= mR/hr Neutron at Contact	na
		(Radiac wash > 1% by weight)?		Swipe data complies with on-	YES
		Does Waste contain PCBs?	No	site transfer requirements	



### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? Yes  
 Waste does NOT comply with LDR No  
 Treatment Standards (Yes means it does not comply - specify STP info)?

### Rad Custom Properties

Survey Meter Model  
 Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

### Constituent/Chemical

MIN

AVE

MAX

UOM

No Container Holds

Dep-U chips and turnings

37

%(CONST)

coolant

63

%(CONST)

### Waste Custom Properties

Site Treatment Plan N/A  
 Acceptable for Sampling? EXEMPT - SA  
 CC Rule N/A  
 CC Rule Determination N/A  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 RMMA? If yes, and not Rad waste, YES  
 answer next two questions, also.  
 Chemist Review Date 04/08/2004  
 Was Waste possibly exposed to N/A  
 processes resulting in Radioactive  
 Contamination?  
 Was Waste exposed to Radioactive N/A  
 inducing particle beam?  
 Does Waste contain radioactive YES  
 components?  
 STP Time Period N/A  
 STP Notes  
 Reason Removed from STP N/A  
 Does waste contain Beryllium? SELECT

NUCLIDE

Activity (Ci)

Quant. Meth.

Depleted U

1.7E-2

MASS

No EPA Codes

No DTSC

Review Date

Comments

Reviewer

Locked

3/24/04 8:34 AM

Dep-U chips covered with  
 trimsol (used as  
 inerter)drummed into 30 gal  
 drum overpacked to a 55 gal

Cathy Perry

No

4/1/04 4:10 PM

RCA review complete, 4-1-  
 04, 4:15 pm

Chris Steffani

Yes

Review Date	Comments	Reviewer	Locked
4/8/04 2:09 PM	received	Ray De Lavalette	No
4/8/04 2:11 PM	done	Ray De Lavalette	Yes
4/9/04 11:30 AM	Corrections	Susan Gagner	No
4/9/04 11:31 AM	Done	Susan Gagner	Yes
4/29/04 11:04 AM	MODIFYING START DATE	Will Coleman	No
4/29/04 11:05 AM	MODIFIED	Will Coleman	Yes
12/7/06 8:55 AM	EDITING START/END DATES	Theresa Rothstein	No
12/7/06 8:56 AM	EDITING START/END DATES COMPLETE	Theresa Rothstein	Yes
4/25/08 3:33 PM	CHANGE REQUEST	Will Coleman	No
4/25/08 3:33 PM	CHANGE REQUEST COMPLETE	Will Coleman	Yes

# Disposal Request Report

7/13/09 4:54 PM

W212534

W212534		Container Information		Container Custom	
Requester Name	Amy Kirch	Container	Q00082266	Other Container Size	
Requester Phone	4-6240	Waste Name	DEP-U IN COOLANT	(cu meters)	
Request Date	2/6/04 12:00 AM			WAA Receival Date	
Location	B321C WAA	Profile Number	R-UMB-0001-01		
Building	321	Waste Type	LLW	On-site Use Only?	NO
Room	1437	Container Type	DM		
Directorate	ENGINEERING	Container Size	55G	Manufacturer Serial	KUZ0138
Account Number	406304	Curr. Quantity	363	No./Batch No.	
Form Code	null	Orig. Quantity	363	Meets SCIL	YES
Source Code	A491	Unit of Measure	P		
Comments	Dep-U Chips and Turnings LLpyro-U	WP Start Date	11/13/03 12:00 AM	Meets SCAL	YES
		WP End Date	2/4/04 12:00 AM		
		Curr. Gross	363	Overpack for Final	N/A
		Orig. Gross	363 lbs (164.66 kgs)	Shipment to NTS	
		Tare Weight	80 lbs (36.29 kgs)	Waste Package Seals	YES
		Chemical	DRY SOLIDS	applied?	
		Comments	Dep-U chips and turnings, LLPYROU	Waste Package Seal	L09019
				Numbers	inside,

Physical Properties		Other Waste Properties		Rad Custom Properties	
Drug Precursor	NO	MBA Quantity?	Yes	TSDF Profile	
Spent/Unused	SPENT	Waste contains > 10 LLNL Pu-Eq grams?	No	Calc Total Pu-eq-g	.0000E+00
Waste Form	SOLID	Do not store in a fissionable array.	No	Calc NatU-eq-g	5.4000E+04
Toxic?	F	NTS Certified?	No	Beryllium grams	0
Corrosive?	F	Energy Solutions Certified?	No	Carbon grams	0
Ignitable?	F	On-site Treatment?	Yes	Enriched in Deuterium	NO
Reactive?	F	Does Waste contain EXPLOSIVES (TNT,	No	Rad Weight determined by	CALIBRATED
Extremely Hazardous	F	Does the Waste contain PYROPHORICS	Yes	SCALE	
pH	N/A	(Uranium turnings that could		Scale Calibration due date	04/04/2004
pH Sources	N/A	spontaneously combust if exposed to		Scale serial number	7203904
Normality	N/A	Does Waste contain COMPRESSED GAS	No	<= mR/hr betagamma at Contact	1.8
Flash Point degrees	NA	(unpunctured aerosol can)?		<= mR/hr betagamma at 1 Meter	.6
		Does Waste contain CHELATING AGENTS	No	<= mR/hr Neutron at Contact	N/A
		(Radiac wash > 1% by weight)?		Swipe data complies with on-	YES
		Does Waste contain PCBs?	No	site transfer requirements	

### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? Yes  
 Waste does NOT comply with LDR No  
 Treatment Standards (Yes means it does not comply - specify STP info)?

### Rad Custom Properties

Survey Meter Model  
 Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

### Constituent/Chemical

MIN

AVE

MAX

UOM

No Container Holds

Dep-u 42 %(CONST)  
 coolant 58 %(CONST)

### Waste Custom Properties

Site Treatment Plan N/A  
 Acceptable for Sampling?  
 CC Rule N/A  
 CC Rule Determination  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 RMMA? If yes, and not Rad waste, YES  
 answer next two questions, also.  
 Chemist Review Date  
 Was Waste possibly exposed to N/A  
 processes resulting in Radioactive  
 Contamination?  
 Was Waste exposed to Radioactive N/A  
 inducing particle beam?  
 Does Waste contain radioactive YES  
 components?  
 STP Time Period N/A  
 STP Notes  
 Reason Removed from STP N/A  
 Does waste contain Beryllium? SELECT

NUCLIDE

Activity (Ci)

Quant. Meth.

Depleted U 2.0E-2 MASS

No EPA Codes

No DTSC

Review Date

Comments

Reviewer

Locked

2/6/04 12:05 PM	Dep-U chips and turnings	Cathy Perry	No
2/24/04 2:09 PM	RCA review	Tom Coburn	No
2/24/04 2:43 PM	Not NTS Cert (L) Waste. Needs rework by Field Tech	Tom Coburn	Yes
2/25/04 8:32 AM	Opened for Tech input	Tom Coburn	No

Review Date	Comments	Reviewer	Locked
2/26/04 9:34 AM	RCA review, 2-26-04, 9:35am	Chris Steffani	No
2/26/04 9:37 AM	RCA review complete, 2-26-04, 9:45am	Chris Steffani	Yes
8/23/06 12:03 PM	QA	Susan Gagner	No
8/23/06 12:04 PM	Done	Susan Gagner	Yes
4/25/07 2:43 PM	CHANGE REQUEST	Will Coleman	No
4/25/07 2:43 PM	CHANGE REQUEST COMPLETE	Will Coleman	Yes
4/26/07 8:25 AM	CHANGE REQUEST	Will Coleman	No
4/26/07 8:26 AM	CHANGE REQUEST COMPLETE	Will Coleman	Yes

# Disposal Request Report

7/13/09 4:54 PM

W240805

W240805		Container Information		Container Custom	
Requester Name	AMELIA KIRCH	Container	Q00082277	Other Container Size	
Requester Phone	46240	Waste Name	DEP-U CHIPS AND TURNINGS COVERED IN TRIM-SOL	(cu meters)	
Request Date	10/28/05 12:00 AM			WAA Receival Date	
Location	ATGEN	Profile Number	R-UMB-0001-01		
Building	321	Waste Type	LLW	On-site Use Only?	NO
Room	1437	Container Type	DM		
Directorate	ENGINEERING	Container Size	55G	Manufacturer Serial	KUZ0125
Account Number	406304	Curr. Quantity	33.6	No./Batch No.	
Form Code	null	Orig. Quantity	33.6	Meets SCIL	YES
Source Code	A491	Unit of Measure	K		
Comments	Loaded from TWMS 27-JAN-04: PKE #253	WP Start Date	9/15/03 12:00 AM	Meets SCAL	YES
		WP End Date	11/3/03 12:00 AM		
		Curr. Gross	380.30	Overpack for Final	N/A
		Orig. Gross	380.3 lbs (172.5 kgs)	Shipment to NTS	
		Tare Weight	94.80 lbs (43 kgs)	Waste Package Seals	YES
		Chemical	DRY SOLIDS	applied?	
		Comments	Loaded from TWMS 27-JAN-04 LL-PYRO-U	Waste Package Seal	14558,
				Numbers	14557

Physical Properties		Other Waste Properties		Rad Custom Properties	
Drug Precursor	SELECT	MBA Quantity?	No	TSDF Profile	
Spent/Unused	SPENT	Waste contains > 10 LLNL Pu-Eq grams?	No	Calc Total Pu-eq-g	.0000E+00
Waste Form	SOLID	Do not store in a fissionable array.	No	Calc NatU-eq-g	3.3600E+04
Toxic?	F	NTS Certified?	No	Beryllium grams	0
Corrosive?	F	Energy Solutions Certified?	No	Carbon grams	0
Ignitable?	F	On-site Treatment?	Yes	Enriched in Deuterium	NO
Reactive?	F	Does Waste contain EXPLOSIVES (TNT,	No	Rad Weight determined by	CALIBRATED
Extremely Hazardous	F	Does the Waste contain PYROPHORICS	Yes	SCALE	
pH		(Uranium turnings that could		Scale Calibration due date	04/01/2004
pH Sources	N/A	spontaneously combust if exposed to		Scale serial number	7203904
Normality		Does Waste contain COMPRESSED GAS	No	<= mR/hr betagamma at Contact	1.2
Flash Point degrees		(unpunctured aerosol can)?		<= mR/hr betagamma at 1 Meter	.44
		Does Waste contain CHELATING AGENTS	No	<= mR/hr Neutron at Contact	
		(Radiac wash > 1% by weight)?		Swipe data complies with on-	YES
		Does Waste contain PCBs?	No	site transfer requirements	

### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? Yes  
 Waste does NOT comply with LDR No  
 Treatment Standards (Yes means it does not comply - specify STP info)?

### Rad Custom Properties

Survey Meter Model  
 Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

### Constituent/Chemical

MIN

AVE

MAX

UOM

No Container Holds

DEP-U CHIPS IN TRIMSOL

100

%(CONST)

### Waste Custom Properties

STP Time Period N/A  
 STP Notes  
 Reason Removed from STP N/A  
 Site Treatment Plan N/A  
 Acceptable for Sampling?  
 CC Rule N/A  
 CC Rule Determination  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 RMMA? If yes, and not Rad waste, YES  
 answer next two questions, also.  
 Chemist Review Date  
 Was Waste possibly exposed to N/A  
 processes resulting in Radioactive  
 Contamination?  
 Was Waste exposed to Radioactive N/A  
 inducing particle beam?  
 Does Waste contain radioactive YES  
 components?  
 Does waste contain Beryllium? SELECT

### NUCLIDE

Depleted U

### Activity (Ci)

1.2E-2

### Quant. Meth.

N/A

No EPA Codes

No DTSC

### Review Date

### Comments

### Reviewer

### Locked

10/28/05 4:31 PM

TWMPORT

Will Coleman

No

10/28/05 4:36 PM

TWMPORT COMPLETE

Will Coleman

Yes

10/28/05 4:40 PM

QA

Susan Gagner

No

10/28/05 4:40 PM

Done

Susan Gagner

Yes

1/18/07 1:29 PM

CHANGE REQUEST

Theresa Rothstein

No

Review Date	Comments	Reviewer	Locked
1/18/07 1:29 PM	CHANGE REQUEST COMPLETE	Theresa Rothstein	Yes



# Disposal Request Report

7/13/09 4:54 PM

W240836

W240836		Container Information		Container Custom	
Requester Name	Amy Kirch	Container	Q00087846	Other Container Size	
Requester Phone	4-6240	Waste Name	DEP-U IN COOLANT	(cu meters)	
Request Date	2/6/04 12:00 AM			WAA Receival Date	
Location	B321C WAA	Profile Number	R-UMB-0001-01		
Building	321	Waste Type	LLW	On-site Use Only?	NO
Room	1437	Container Type	DM		
Directorate	ENGINEERING	Container Size	55G	Manufacturer Serial	KUZ0074
Account Number	406304	Curr. Quantity	338	No./Batch No.	
Form Code	null	Orig. Quantity	338	Meets SCIL	YES
Source Code	A491	Unit of Measure	P		
Comments	Dep-U chips/turnings covered in coolant packed in a 30 gal drum and over-packed to a 55 gal drum. Gortex filter vents on both drums	WP Start Date	2/6/04 12:00 AM	Meets SCAL	YES
		WP End Date	2/6/04 12:00 AM		
		Curr. Gross	338	Overpack for Final	NO
		Orig. Gross	338 lbs (153.32 kgs)	Shipment to NTS	
		Tare Weight	80 lbs (36.29 kgs)	Waste Package Seals	YES
		Chemical	DRY SOLIDS	applied?	
		Comments	95 lbs Dep-U	Waste Package Seal	14584
			163 lbs coolant	Numbers	
			PKE 253		
			BIN LLPYRO-U		

Physical Properties		Other Waste Properties		Rad Custom Properties	
Drug Precursor	SELECT	MBA Quantity?	Yes	TSDF Profile	
Spent/Unused	SPENT	Waste contains > 10 LLNL Pu-Eq grams?	No	Calc Total Pu-eq-g	.0000E+00
Waste Form	SOLID	Do not store in a fissionable array.	No	Calc NatU-eq-g	4.3200E+04
Toxic?	F	NTS Certified?	No	Beryllium grams	0
Corrosive?	F	Energy Solutions Certified?	No	Carbon grams	0
Ignitable?	F	On-site Treatment?	Yes	Enriched in Deuterium	NO
Reactive?	F	Does Waste contain EXPLOSIVES (TNT,	No	Rad Weight determined by	CALIBRATED
Extremely Hazardous	F	Does the Waste contain PYROPHORICS	No	SCALE	
pH	N/A	(Uranium turnings that could		Scale Calibration due date	04/01/2004
pH Sources	N/A	spontaneously combust if exposed to		Scale serial number	7203904
Normality	N/A	Does Waste contain COMPRESSED GAS	No	<= mR/hr betagamma at Contact	1.2
Flash Point degrees	NA	(unpunctured aerosol can)?		<= mR/hr betagamma at 1 Meter	.28
		Does Waste contain CHELATING AGENTS	No	<= mR/hr Neutron at Contact	N/A
		(Radiac wash > 1% by weight)?		Swipe data complies with on-	N/A
		Does Waste contain PCBs?	No	site transfer requirements	

### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? Yes  
 Waste does NOT comply with LDR No  
 Treatment Standards (Yes means it does not comply - specify STP info)?

### Rad Custom Properties

Survey Meter Model  
 Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

### Constituent/Chemical

MIN

AVE

MAX

UOM

No Container Holds

Dep-U chips and turnings

37

%(CONST)

coolant

63

%(CONST)

### Waste Custom Properties

Site Treatment Plan N/A  
 Acceptable for Sampling?  
 CC Rule N/A  
 CC Rule Determination  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 RMMA? If yes, and not Rad waste, YES  
 answer next two questions, also.  
 Chemist Review Date  
 Was Waste possibly exposed to N/A  
 processes resulting in Radioactive  
 Contamination?  
 Was Waste exposed to Radioactive N/A  
 inducing particle beam?  
 Does Waste contain radioactive YES  
 components?  
 STP Time Period N/A  
 STP Notes  
 Reason Removed from STP N/A  
 Does waste contain Beryllium? SELECT

NUCLIDE

Activity (Ci)

Quant. Meth.

Depleted U

1.6E-2

MASS

No EPA Codes

No DTSC

Review Date

Comments

Reviewer

Locked

2/20/04 9:58 AM

RCA Review

John Wolf

No

2/20/04 10:24 AM

Review postponed.

John Wolf

Yes

2/25/04 8:31 AM

Opened for Tech input

Tom Coburn

No

2/27/04 9:22 AM

RCA review.

Kem Hainebach

No

Review Date	Comments	Reviewer	Locked
2/27/04 10:42 AM	RCA approval.	Kem Hainebach	Yes
4/29/04 10:16 AM	MODIFYING END DATE	Will Coleman	No
4/29/04 10:17 AM	MODIFIED AND LOCKED	Will Coleman	Yes
8/23/06 12:05 PM	QA	Susan Gagner	No
8/23/06 12:05 PM	Done	Susan Gagner	Yes
1/19/07 8:44 AM	CHANGE REQUEST	Theresa Rothstein	No
1/19/07 8:44 AM	CHANGE REQUEST COMPLETE	Theresa Rothstein	Yes

# Disposal Request Report

7/13/09 4:54 PM

W136631

W136631		Container Information		Container Custom	
Requester Name	KIRCH, AMELIA	Container	Q00045956	Other Container Size	
Requester Phone	27942	Waste Name	DEP-U CHIPS	(cu meters)	
Request Date	3/19/99 12:00 AM			WAA Receival Date	
Location	ATGEN	Profile Number	R-UMB-0001-01		
Building	321C	Waste Type	LLW	On-site Use Only?	SELECT
Room	1437	Container Type	DM		
Directorate	ENGINEERING	Container Size	30G	Manufacturer Serial	
Account Number	406301	Curr. Quantity	130.5	No./Batch No.	
Form Code	B319	Orig. Quantity	130.5	Meets SCIL	N/A
Source Code	A491	Unit of Measure	K		
Comments	Loaded from TWMS 26-JAN-04: SPENT INORGANIC SOLID DEP-U CHIPS COVERED IN TRIMSOL, HAS VENTED CAP, TRIMSOL USED AS INERTER, PH=9, ACCEPTABLE FOR SAMPLING, CC/>500/A	WP Start Date	3/17/99 12:00 AM	Meets SCAL	N/A
		WP End Date	5/19/99 12:00 AM		
		Curr. Gross	320.773	Overpack for Final	
		Orig. Gross	320.773 lbs (145.5 kgs)	Shipment to NTS	
		Tare Weight	30.0693 lbs (13.64 kgs)	Waste Package Seals	
		Chemical	AQUEOUS	applied?	
		Comments	Loaded from TWMS 26-JAN-04	Waste Package Seal	
				Numbers	

Physical Properties		Other Waste Properties		Rad Custom Properties	
Drug Precursor	NO	MBA Quantity?	No	TSDF Profile	
Spent/Unused	SPENT	Waste contains > 10 LLNL Pu-Eq grams?	No	Calc Total Pu-eq-g	.0000E+00
Waste Form	SOLID	Do not store in a fissionable array.	No	Calc NatU-eq-g	3.6500E+04
Toxic?	F	NTS Certified?	No	Beryllium grams	0
Corrosive?	F	Energy Solutions Certified?	No	Carbon grams	0
Ignitable?	F	On-site Treatment?	Yes	Enriched in Deuterium	N/A
Reactive?	F	Does Waste contain EXPLOSIVES (TNT,	No	Rad Weight determined by	SELECT
Extremely Hazardous	F	Does the Waste contain PYROPHORICS	No	Scale Calibration due date	
pH	9	(Uranium turnings that could		Scale serial number	
pH Sources	N/A	spontaneously combust if exposed to		<= mR/hr betagamma at Contact	1.2
Normality		Does Waste contain COMPRESSED GAS	No	<= mR/hr betagamma at 1 Meter	1
Flash Point degrees		(unpunctured aerosol can)?		<= mR/hr Neutron at Contact	N/A
		Does Waste contain CHELATING AGENTS	No	Swipe data complies with on-	N/A
		(Radiac wash > 1% by weight)?		site transfer requirements	
		Does Waste contain PCBs?	No	Survey Meter Model	

### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? Yes  
 Waste does NOT comply with LDR No  
 Treatment Standards (Yes means it does not comply - specify STP info)?

### Rad Custom Properties

Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

### Constituent/Chemical

MIN

AVE

MAX

UOM

No Container Holds

DEP-U CHIPS IN TRIMSOL

100

%(CONST)

### Waste Custom Properties

STP Time Period N/A  
 Site Treatment Plan N/A  
 Acceptable for Sampling?  
 CC Rule > 500 PPM  
 CC Rule Determination GENERATOR KNOWLEDGE  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 RMMA? If yes, and not Rad waste, YES  
 answer next two questions, also.  
 Chemist Review Date  
 Was Waste possibly exposed to N/A  
 processes resulting in Radioactive Contamination?  
 Was Waste exposed to Radioactive N/A  
 inducing particle beam?  
 Does Waste contain radioactive YES  
 components?  
 STP Notes  
 Reason Removed from STP N/A  
 Does waste contain Beryllium? SELECT

### NUCLIDE

Depleted U

### Activity (Ci)

1.4E-2

### Quant. Meth.

N/A

No EPA Codes

No DTSC

Review Date

Comments

Reviewer

Locked

2/2/05 2:06 PM

TWMS PORTING

Joyce Walkup

No

2/2/05 2:47 PM

DONE

Joyce Walkup

Yes

2/3/05 3:58 PM

QA EDITS

Joyce Walkup

No

2/3/05 4:00 PM

DONE

Joyce Walkup

Yes



# Disposal Request Report

7/13/09 4:54 PM

W203956

W203956		Container Information		Container Custom	
Requester Name	KIRCH, AMELIA	Container	Q00050248	Other Container Size	
Requester Phone	46240	Waste Name	DEP-U CHIPS	(cu meters)	
Request Date	2/8/01 12:00 AM			WAA Receival Date	
Location	ATGEN	Profile Number	R-UMB-0001-01		
Building	321	Waste Type	LLW	On-site Use Only?	SELECT
Room	1437	Container Type	DM		
Directorate	ENGINEERING	Container Size	30G	Manufacturer Serial	
Account Number	406304	Curr. Quantity	33.9	No./Batch No.	
Form Code	B319	Orig. Quantity	33.9	Meets SCIL	YES
Source Code	A491	Unit of Measure	K		
Comments	Loaded from TWMS 26-JAN-04: SPENT INORGANIC SOLID, DEP-U CHIPS COVERED IN TRIM-SOL, WATER 20-1, WATER & TRIM-SOL 99.6 KG. TRIM-SOL USED AS INERTER	WP Start Date	1/30/01 12:00 AM	Meets SCAL	N/A
		WP End Date	2/8/01 12:00 AM		
		Curr. Gross	328	Overpack for Final Shipment to NTS	N/A
		Orig. Gross	328 lbs (148.78 kgs)	Waste Package Seals applied?	N/A
		Tare Weight	34 lbs (15.42 kgs)		
		Chemical	AQUEOUS	Waste Package Seal Numbers	
		Comments	Loaded from TWMS 26-JAN-04		

Physical Properties		Other Waste Properties		Rad Custom Properties	
Drug Precursor	NO	MBA Quantity?	Yes	TSDF Profile	
Spent/Unused	SPENT	Waste contains > 10 LLNL Pu-Eq grams?	No	Calc Total Pu-eq-g	.0000E+00
Waste Form	SOLID	Do not store in a fissionable array.	No	Calc NatU-eq-g	3.3900E+04
Toxic?	F	NTS Certified?	No	Beryllium grams	0
Corrosive?	F	Energy Solutions Certified?	No	Carbon grams	0
Ignitable?	F	On-site Treatment?	Yes	Enriched in Deuterium	N/A
Reactive?	F	Does Waste contain EXPLOSIVES (TNT,	No	Rad Weight determined by	SELECT
Extremely Hazardous	F	Does the Waste contain PYROPHORICS (Uranium turnings that could spontaneously combust if exposed to	No	Scale Calibration due date	
pH		Does Waste contain COMPRESSED GAS (unpunctured aerosol can)?	No	Scale serial number	
pH Sources	N/A	Does Waste contain CHELATING AGENTS (Radiac wash > 1% by weight)?	No	<= mR/hr betagamma at Contact	1.3
Normality		Does Waste contain PCBs?	No	<= mR/hr betagamma at 1 Meter	.9
Flash Point degrees				<= mR/hr Neutron at Contact	N/A
				Swipe data complies with on-site transfer requirements	N/A
				Survey Meter Model	

### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? Yes  
 Waste does NOT comply with LDR Treatment Standards (Yes means it does not comply - specify STP info)? No

### Rad Custom Properties

Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

### Constituent/Chemical

MIN

AVE

MAX

UOM

No Container Holds

DEP-U CHIPS IN TRIMSOL AND WATER

100

%(CONST)

### Waste Custom Properties

STP Time Period N/A  
 STP Notes  
 Site Treatment Plan N/A  
 Acceptable for Sampling?  
 CC Rule N/A  
 CC Rule Determination  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 RMMA? If yes, and not Rad waste, answer next two questions, also. YES  
 Chemist Review Date  
 Was Waste possibly exposed to processes resulting in Radioactive Contamination? N/A  
 Was Waste exposed to Radioactive inducing particle beam? N/A  
 Does Waste contain radioactive components? YES  
 Reason Removed from STP N/A  
 Does waste contain Beryllium? SELECT

### NUCLIDE

Depleted U

### Activity (Ci)

1.3E-2

### Quant. Meth.

N/A

No EPA Codes

No DTSC

Review Date

2/2/05 3:18 PM

2/3/05 4:05 PM

Comments

TWMS PORTING

DONE

Reviewer

Joyce Walkup

Joyce Walkup

Locked

No

Yes



# Disposal Request Report

7/13/09 4:54 PM

W157207

## W157207

Requester Name AMELIA KIRCH  
Requester Phone 46240  
Request Date 4/20/05 12:00 AM  
Location ATGEN  
Building 321  
Room 1437  
Directorate ENGINEERING  
Account Number 406301  
Form Code B319  
Source Code A491  
Comments Loaded from TWMS 26-JAN-04: SPENT INORGANIC SOLID DEP-U CHIPS AND TURNINGS COVERED IN TRIM-SOL, (WATER 20 : 1 TRIM-SOL), (99 KG OF TRIMSOL), TRIM-SOL USED AS INERTER, MBA MATERIAL

## Container Information

Container Q00051621  
Waste Name DEP-U CHIPS AND TURNINGS COVERED IN TRIM-SOL  
Profile Number R-UMB-0001-01  
Waste Type LLW  
Container Type DM  
Container Size 30G  
Curr. Quantity 350.5  
Orig. Quantity 350.5  
Unit of Measure P  
WP Start Date 7/6/00 12:00 AM  
WP End Date 12/1/00 12:00 AM  
Curr. Gross 350.5  
Orig. Gross 350.5 lbs (158.99 kgs)  
Tare Weight 34.17 lbs (15.5 kgs)  
Chemical DRY SOLIDS  
Comments Loaded from TWMS 26-JAN-04  
LL PYRO U

## Container Custom

Other Container Size  
(cu meters)  
WAA Receiving Date  
On-site Use Only? NO  
Manufacturer Serial  
No./Batch No.  
Meets SCIL N/A  
Meets SCAL N/A  
Overpack for Final  
Shipment to NTS N/A  
Waste Package Seals  
applied? YES  
Waste Package Seal  
Numbers 26126 /  
26125

## Physical Properties

Drug Precursor SELECT  
Spent/Unused SPENT  
Waste Form SOLID  
Toxic? F  
Corrosive? F  
Ignitable? F  
Reactive? F  
Extremely Hazardous F  
pH  
pH Sources N/A  
Normality  
Flash Point degrees

## Other Waste Properties

MBA Quantity? Yes  
Waste contains > 10 LLNL Pu-Eq grams? No  
Do not store in a fissionable array. No  
NTS Certified? No  
Energy Solutions Certified? No  
On-site Treatment? No  
Does Waste contain EXPLOSIVES (TNT, No  
Does the Waste contain PYROPHORICS Yes  
(Uranium turnings that could  
spontaneously combust if exposed to  
Does Waste contain COMPRESSED GAS No  
(unpunctured aerosol can)?  
Does Waste contain CHELATING AGENTS No  
(Radiac wash > 1% by weight)?  
Does Waste contain PCBs? No

## Rad Custom Properties

TSDF Profile  
Calc Total Pu-eq-g .0000E+00  
Calc NatU-eq-g 4.4500E+04  
Beryllium grams 0  
Carbon grams 0  
Enriched in Deuterium NO  
Rad Weight determined by SELECT  
Scale Calibration due date  
Scale serial number  
<= mR/hr betagamma at Contact 1.3  
<= mR/hr betagamma at 1 Meter .6  
<= mR/hr Neutron at Contact  
Swipe data complies with on- N/A  
site transfer requirements  
Survey Meter Model

### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? Yes  
 Waste does NOT comply with LDR No  
 Treatment Standards (Yes means it does not comply - specify STP info)?

### Rad Custom Properties

Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

### Constituent/Chemical

MIN

AVE

MAX

UOM

No Container Holds

DEP-U CHIPS AND TURNINGS COVERED IN TRIM-SOL

100

%(CONST)

### Waste Custom Properties

STP Time Period N/A  
 STP Notes  
 Site Treatment Plan N/A  
 Acceptable for Sampling?  
 CC Rule N/A  
 CC Rule Determination  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 RMMA? If yes, and not Rad waste, answer next two questions, also. YES  
 Chemist Review Date  
 Was Waste possibly exposed to processes resulting in Radioactive Contamination? N/A  
 Was Waste exposed to Radioactive inducing particle beam? N/A  
 Does Waste contain radioactive components? YES  
 Reason Removed from STP N/A  
 Does waste contain Beryllium? SELECT

### NUCLIDE

Depleted U

### Activity (Ci)

1.7E-2

### Quant. Meth.

N/A

No EPA Codes

No DTSC

### Review Date

### Comments

### Reviewer

### Locked

4/20/05 2:43 PM

TWMPORT FOR LABEL PRINTING

Will Coleman

No

4/20/05 2:50 PM

TWMPORTS COMPLETE

Will Coleman

Yes

4/20/05 2:51 PM

QA EDIT

Will Coleman

No

4/20/05 2:52 PM

QA EDIT COMPLETE

Will Coleman

Yes

4/20/05 3:26 PM

QA EDIT

Will Coleman

No

4/20/05 3:27 PM

QA EDIT COMPLETE

Will Coleman

Yes



# Disposal Request Report

7/13/09 4:54 PM

W157209

W157209		Container Information		Container Custom	
Requester Name	KIRCH, AMELIA	Container	Q00050202	Other Container Size	
Requester Phone	46240	Waste Name	SPENT INORGANIC SOLID, DEP-U CHIPS AND	(cu meters)	
Request Date	1/26/01 12:00 AM		TURNINGS IN TRIM-SOL 20:1	WAA Receival Date	
Location	ATGEN	Profile Number	R-UMB-0001-01		
Building	321	Waste Type	LLW	On-site Use Only?	YES
Room	1437	Container Type	DM		
Directorate	ENGINEERING	Container Size	30G	Manufacturer Serial	
Account Number	406301	Curr. Quantity	38.1	No./Batch No.	
Form Code	B319	Orig. Quantity	38.1	Meets SCIL	
Source Code	A491	Unit of Measure	K	YES	
Comments	Loaded from TWMS 26-JAN-04: SPENT INORGANIC SOLID, DEP-U CHIPS AND TURNINGS IN TRIM-SOL 20:1, WATER & TRIM-SOL 98.6 KG, LL-PYRO U, TRIM-SOL USED AS INERTER MBA WASTE STREAM	WP Start Date	7/7/00 12:00 AM	Meets SCAL	
		WP End Date	1/26/01 12:00 AM	YES	
		Curr. Gross	304		
		Orig. Gross	304 lbs (137.89 kgs)	Overpack for Final	N/A
		Tare Weight	30 lbs (13.61 kgs)	Shipment to NTS	
		Chemical	DRY SOLIDS	Waste Package Seals	N/A
		Comments	Loaded from TWMS 26-JAN-0	applied?	
			LL-PYRO-U	Waste Package Seal	
				Numbers	

Physical Properties		Other Waste Properties		Rad Custom Properties	
Drug Precursor	NO	MBA Quantity?	Yes	TSDF Profile	
Spent/Unused	SPENT	Waste contains > 10 LLNL Pu-Eq grams?	No	Calc Total Pu-eq-g	.0000E+00
Waste Form	SOLID	Do not store in a fissionable array.	No	Calc NatU-eq-g	3.8100E+04
Toxic?	F	NTS Certified?	No	Beryllium grams	0
Corrosive?	F	Energy Solutions Certified?	No	Carbon grams	0
Ignitable?	F	On-site Treatment?	Yes	Enriched in Deuterium	NO
Reactive?	F	Does Waste contain EXPLOSIVES (TNT,	No	Rad Weight determined by	CALIBRATED
Extremely Hazardous	F	Does the Waste contain PYROPHORICS	No	SCALE	
pH		(Uranium turnings that could		Scale Calibration due date	01/26/2001
pH Sources	N/A	spontaneously combust if exposed to		Scale serial number	8578
Normality		Does Waste contain COMPRESSED GAS	No	<= mR/hr betagamma at Contact	1.1
Flash Point degrees		(unpunctured aerosol can)?		<= mR/hr betagamma at 1 Meter	.5
		Does Waste contain CHELATING AGENTS	No	<= mR/hr Neutron at Contact	N/A
		(Radiac wash > 1% by weight)?		Swipe data complies with on-	YES
		Does Waste contain PCBs?	No	site transfer requirements	

### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? Yes  
 Waste does NOT comply with LDR No  
 Treatment Standards (Yes means it does not comply - specify STP info)?

### Rad Custom Properties

Survey Meter Model  
 Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

### Constituent/Chemical

MIN

AVE

MAX

UOM

No Container Holds

Dep-U chips and turnings in trim-sol

100

%(CONST)

### Waste Custom Properties

STP Time Period N/A  
 STP Notes  
 Site Treatment Plan N/A  
 Acceptable for Sampling?  
 CC Rule N/A  
 CC Rule Determination  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 RMMA? If yes, and not Rad waste, YES  
 answer next two questions, also.  
 Chemist Review Date  
 Was Waste possibly exposed to N/A  
 processes resulting in Radioactive  
 Contamination?  
 Was Waste exposed to Radioactive N/A  
 inducing particle beam?  
 Does Waste contain radioactive YES  
 components?  
 Reason Removed from STP N/A  
 Does waste contain Beryllium? SELECT

### NUCLIDE

### Activity (Ci)

### Quant. Meth.

Depleted U

1.4E-2

N/A

No EPA Codes

No DTSC

Review Date

Comments

Reviewer

Locked

7/20/05 4:42 PM

unlocked for edits

Edward Chun

No

# Disposal Request Report

7/13/09 4:54 PM

W151801

W151801		Container Information		Container Custom	
Requester Name	KIRCH, AMELIA	Container	Q00051603	Other Container Size	
Requester Phone	46240	Waste Name	DEP-U CHIPS IN TRIMSOL	(cu meters)	
Request Date	6/1/00 12:00 AM			WAA Receival Date	
Location	ATGEN	Profile Number	R-UMB-0001-01		
Building	321	Waste Type	LLW	On-site Use Only?	SELECT
Room	1437	Container Type	DM		
Directorate	ENGINEERING	Container Size	30G	Manufacturer Serial	
Account Number	406301	Curr. Quantity	45	No./Batch No.	
Form Code	B319	Orig. Quantity	45	Meets SCIL	YES
Source Code	A494	Unit of Measure	K		
Comments	Loaded from TWMS 26-JAN-04: SPENT INORGANIC SOLID DEP-U CHIPS 31% IN TRIM-SOL (20-1) IN WATER 99.6 KG LIQ. VIRGIN TRIM-SOL USED AS INERTER 69%, DRUM 15.5 KG, PKE #253	WP Start Date	1/7/00 12:00 AM	Meets SCAL	YES
		WP End Date	6/1/00 12:00 AM		
		Curr. Gross	352.74	Overpack for Final	N/A
		Orig. Gross	352.74 lbs (160 kgs)	Shipment to NTS	
		Tare Weight	253.75 lbs (115.1 kgs)	Waste Package Seals	N/A
		Chemical	DRY SOLIDS	applied?	
		Comments	Loaded from TWMS 26-JAN-04	Waste Package Seal	
				Numbers	

Physical Properties		Other Waste Properties		Rad Custom Properties	
Drug Precursor	NO	MBA Quantity?	No	TSDF Profile	
Spent/Unused	SPENT	Waste contains > 10 LLNL Pu-Eq grams?	No	Calc Total Pu-eq-g	.0000E+00
Waste Form	SOLID	Do not store in a fissionable array.	No	Calc NatU-eq-g	4.4900E+04
Toxic?	F	NTS Certified?	No	Beryllium grams	0
Corrosive?	F	Energy Solutions Certified?	No	Carbon grams	0
Ignitable?	F	On-site Treatment?	Yes	Enriched in Deuterium	NO
Reactive?	F	Does Waste contain EXPLOSIVES (TNT,	No	Rad Weight determined by	SELECT
Extremely Hazardous	F	Does the Waste contain PYROPHORICS	Yes	Scale Calibration due date	
pH		(Uranium turnings that could		Scale serial number	
pH Sources	N/A	spontaneously combust if exposed to		<= mR/hr betagamma at Contact	1
Normality		Does Waste contain COMPRESSED GAS	No	<= mR/hr betagamma at 1 Meter	1
Flash Point degrees		(unpunctured aerosol can)?		<= mR/hr Neutron at Contact	
		Does Waste contain CHELATING AGENTS	No	Swipe data complies with on-	YES
		(Radiac wash > 1% by weight)?		site transfer requirements	
		Does Waste contain PCBs?	No	Survey Meter Model	

### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? Yes  
 Waste does NOT comply with LDR No  
 Treatment Standards (Yes means it does not comply - specify STP info)?

### Rad Custom Properties

Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

Constituent/Chemical	MIN	AVE	MAX	UOM	No Container Holds
DEP-U CHIPS	31			%(CONST)	
TRIM-SOL			69	%(CONST)	

### Waste Custom Properties

STP Time Period N/A  
 STP Notes  
 Site Treatment Plan N/A  
 Acceptable for Sampling? ACCEPTABLE  
 CC Rule N/A  
 CC Rule Determination  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 RMMA? If yes, and not Rad waste, YES  
 answer next two questions, also.  
 Chemist Review Date 06/08/2000  
 Was Waste possibly exposed to N/A  
 processes resulting in Radioactive Contamination?  
 Was Waste exposed to Radioactive N/A  
 inducing particle beam?  
 Does Waste contain radioactive YES  
 components?  
 Reason Removed from STP N/A  
 Does waste contain Beryllium? SELECT

NUCLIDE	Activity (Ci)	Quant. Meth.
Depleted U	1.7E-2	N/A

No EPA Codes	No DTSC	Review Date	Comments	Reviewer	Locked
		7/7/05 5:00 PM	TWM PORTING	Melissa Placencia	No
		7/7/05 5:20 PM	DONE	Melissa Placencia	Yes
		7/8/05 2:31 PM	QA EDITS	Will Coleman	No
		7/11/05 11:44 AM	DONE	Melissa Placencia	Yes





# Disposal Request Report

7/13/09 4:54 PM

W157206

W157206		Container Information		Container Custom	
Requester Name	KIRCH, AMELIA	Container	Q00050200	Other Container Size	
Requester Phone	46240	Waste Name	SPENT INORGANIC SOLID DEP-U CHIPS AND	(cu meters)	
Request Date	11/17/00 12:00 AM		TURNINGS IN TRIM-SOL AND WATER	WAA Receival Date	
Location	ATGEN	Profile Number	R-UMB-0001-01		
Building	321	Waste Type	LLW	On-site Use Only?	YES
Room	1437	Container Type	DM		
Directorate	ENGINEERING	Container Size	30G	Manufacturer Serial	
Account Number	406301	Curr. Quantity	47	No./Batch No.	
Form Code	B319	Orig. Quantity	47	Meets SCIL	NO
Source Code	A491	Unit of Measure	K		
Comments	Loaded from TWMS 26-JAN-04: SPENT	WP Start Date	6/27/00 12:00 AM	Meets SCAL	YES
	INORGANIC SOLID DEP-U CHIPS AND	WP End Date	11/17/00 12:00 AM		
	TURNINGS IN TRIM-SOL, WATER 99.5	Curr. Gross	324	Overpack for Final	N/A
	KG, (WATER 20:1 TRIM-SOL), TRIM-	Orig. Gross	324 lbs (146.97 kgs)	Shipment to NTS	
	SOL USED AS (INERTER), MBA	Tare Weight	31 lbs (14.06 kgs)	Waste Package Seals	N/A
	MATERIAL	Chemical	DRY SOLIDS	applied?	
		Comments	Loaded from TWMS 26-JAN-04 LL-PYRO-U	Waste Package Seal	
				Numbers	

Physical Properties		Other Waste Properties		Rad Custom Properties	
Drug Precursor	SELECT	MBA Quantity?	Yes	TSDF Profile	
Spent/Unused	SPENT	Waste contains > 10 LLNL Pu-Eq grams?	No	Calc Total Pu-eq-g	.0000E+00
Waste Form	SOLID	Do not store in a fissionable array.	No	Calc NatU-eq-g	4.7000E+04
Toxic?	F	NTS Certified?	No	Beryllium grams	0
Corrosive?	F	Energy Solutions Certified?	No	Carbon grams	0
Ignitable?	F	On-site Treatment?	Yes	Enriched in Deuterium	NO
Reactive?	F	Does Waste contain EXPLOSIVES (TNT,	No	Rad Weight determined by	SELECT
Extremely Hazardous	F	Does the Waste contain PYROPHORICS	No	Scale Calibration due date	
pH		(Uranium turnings that could		Scale serial number	
pH Sources	N/A	spontaneously combust if exposed to		<= mR/hr betagamma at Contact	1
Normality		Does Waste contain COMPRESSED GAS	No	<= mR/hr betagamma at 1 Meter	.3
Flash Point degrees		(unpunctured aerosol can)?		<= mR/hr Neutron at Contact	N/A
		Does Waste contain CHELATING AGENTS	No	Swipe data complies with on-	YES
		(Radiac wash > 1% by weight)?		site transfer requirements	
		Does Waste contain PCBs?	No	Survey Meter Model	

### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? Yes  
 Waste does NOT comply with LDR No  
 Treatment Standards (Yes means it does not comply - specify STP info)?

### Rad Custom Properties

Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

### Constituent/Chemical

MIN

AVE

MAX

UOM

No Container Holds

Dep-U chips and turnings in trim-sol and

100

%(CONST)

### Waste Custom Properties

STP Time Period N/A  
 STP Notes  
 Site Treatment Plan N/A  
 Acceptable for Sampling?  
 CC Rule N/A  
 CC Rule Determination  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 RMMA? If yes, and not Rad waste, YES  
 answer next two questions, also.  
 Chemist Review Date  
 Was Waste possibly exposed to N/A  
 processes resulting in Radioactive  
 Contamination?  
 Was Waste exposed to Radioactive N/A  
 inducing particle beam?  
 Does Waste contain radioactive YES  
 components?  
 Reason Removed from STP N/A  
 Does waste contain Beryllium? SELECT

### NUCLIDE

### Activity (Ci)

### Quant. Meth.

Depleted U

1.7E-2

N/A

No EPA Codes

No DTSC

### Review Date

### Comments

### Reviewer

### Locked

7/20/05 4:57 PM

unlocked for edits

Edward Chun

No

7/25/05 11:44 AM

QA EDITS

Will Coleman

No

7/25/05 11:47 AM

QA EDITS COMPLETE

Will Coleman

Yes

# Disposal Request Report

7/13/09 4:54 PM

W131115

W131115		Container Information		Container Custom	
Requester Name	KIRCH, AMELIA	Container	Q00037558	Other Container Size	
Requester Phone	46240	Waste Name	SPENT INORGANIC SOLID DEP-U AND ALUMINUM CHIPS	(cu meters)	
Request Date	9/2/98 12:00 AM			WAA Receival Date	
Location	B321C WAA	Profile Number	R-UMB-0001-01		
Building	321	Waste Type	LLW	On-site Use Only?	SELECT
Room	1437	Container Type	DM		
Directorate	ENGINEERING	Container Size	30G	Manufacturer Serial	
Account Number	406301	Curr. Quantity	136	No./Batch No.	
Form Code	B319	Orig. Quantity	136	Meets SCIL	YES
Source Code	A491	Unit of Measure	K		
Comments	SPENT INORGANIC SOLID DEP-U CHIPS AND 1% ALUMINUM CHIPS COVERED IN TRIM-SOL AND WATER (1-20 RATIO) TRIMSOL USED AS A INERTER, PH=9	WP Start Date	8/10/98 12:00 AM	Meets SCAL	N/A
		WP End Date	9/2/98 12:00 AM		
		Curr. Gross	334	Overpack for Final Shipment to NTS	N/A
		Orig. Gross	334 lbs (151.5 kgs)	Waste Package Seals applied?	N/A
		Tare Weight	33 lbs (14.97 kgs)	Waste Package Seal Numbers	
		Chemical	DRY SOLIDS		
		Comments	Loaded from TWMS 26-JAN-04, EDITED ON 03/17/04.		

Physical Properties		Other Waste Properties		Rad Custom Properties	
Drug Precursor	SELECT	MBA Quantity?	No	TSDF Profile	
Spent/Unused	SPENT	Waste contains > 10 LLNL Pu-Eq grams?	No	Calc Total Pu-eq-g	.0000E+00
Waste Form	SOLID	Do not store in a fissionable array.	No	Calc NatU-eq-g	4.5000E+04
Toxic?	F	NTS Certified?	No	Beryllium grams	
Corrosive?	F	Energy Solutions Certified?	No	Carbon grams	
Ignitable?	F	On-site Treatment?	Yes	Enriched in Deuterium	N/A
Reactive?	F	Does Waste contain EXPLOSIVES (TNT,	No	Rad Weight determined by	SELECT
Extremely Hazardous	F	Does the Waste contain PYROPHORICS (Uranium turnings that could spontaneously combust if exposed to	No	Scale Calibration due date	
pH	9	Does Waste contain COMPRESSED GAS (unpunctured aerosol can)?	No	Scale serial number	
pH Sources	N/A	Does Waste contain CHELATING AGENTS (Radiac wash > 1% by weight)?	No	<= mR/hr betagamma at Contact	1.1
Normality		Does Waste contain PCBs?	No	<= mR/hr betagamma at 1 Meter	1
Flash Point degrees				<= mR/hr Neutron at Contact	
				Swipe data complies with on-site transfer requirements	N/A
				Survey Meter Model	

### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? Yes  
 Waste does NOT comply with LDR Treatment Standards (Yes means it does not comply - specify STP info)? No

### Rad Custom Properties

Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

### Constituent/Chemical

MIN

AVE

MAX

UOM

No Container Holds

Aluminum chips

1

PERCENT

### Waste Custom Properties

STP Time Period N/A  
 Site Treatment Plan N/A  
 Acceptable for Sampling?  
 CC Rule N/A  
 CC Rule Determination  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 RMMA? If yes, and not Rad waste, answer next two questions, also. YES  
 Chemist Review Date 09/04/1998  
 Was Waste possibly exposed to processes resulting in Radioactive Contamination? N/A  
 Was Waste exposed to Radioactive inducing particle beam? N/A  
 Does Waste contain radioactive components? YES  
 STP Notes  
 Reason Removed from STP N/A  
 Does waste contain Beryllium? SELECT

### NUCLIDE

Depleted U

### Activity (Ci)

1.7E-2

### Quant. Meth.

N/A

No EPA Codes

No DTSC

Review Date

3/6/04 12:55 PM

3/19/04 11:43 AM

Comments

UNLOCKED FOR VOLUNTEER EDITS

Done

Reviewer

Will Coleman

Susan Gagner

Locked

No

Yes

# Disposal Request Report

7/13/09 4:54 PM

W209803

W209803		Container Information		Container Custom	
Requester Name	KIRCH, AMELIA	Container	Q00063239	Other Container Size	
Requester Phone	46240	Waste Name	DEP-U CHIPS AND TURNINGS	(cu meters)	
Request Date	7/9/01 12:00 AM			WAA Receival Date	
Location	ATGEN	Profile Number	R-UMB-0001-01		
Building	321	Waste Type	LLW	On-site Use Only?	SELECT
Room	1437	Container Type	DM		
Directorate	ENGINEERING	Container Size	30G	Manufacturer Serial	
Account Number	406304	Curr. Quantity	26	No./Batch No.	
Form Code	B319	Orig. Quantity	26	Meets SCIL	YES
Source Code	A491	Unit of Measure	K		
Comments	Loaded from TWMS 26-JAN-04: SPENT ORGANIC SOLID DEP-U CHIPS AND TURNINGS COVERED IN TRIM-SOL, TRIM-SOL 20-1 93.1 KG, TRIM-SOL USED AS INERTER	WP Start Date	6/27/01 12:00 AM	Meets SCAL	YES
		WP End Date	7/9/01 12:00 AM		
		Curr. Gross	294.76	Overpack for Final	N/A
		Orig. Gross	294.76 lbs (133.7 kgs)	Shipment to NTS	
		Tare Weight	33.07 lbs (15 kgs)	Waste Package Seals	N/A
		Chemical	AQUEOUS	applied?	
		Comments	Loaded from TWMS 26-JAN-04, LL-PYROU	Waste Package Seal	
				Numbers	

Physical Properties		Other Waste Properties		Rad Custom Properties	
Drug Precursor	NO	MBA Quantity?	Yes	TSDF Profile	
Spent/Unused	SPENT	Waste contains > 10 LLNL Pu-Eq grams?	No	Calc Total Pu-eq-g	.0000E+00
Waste Form	SOLID	Do not store in a fissionable array.	No	Calc NatU-eq-g	2.5600E+04
Toxic?	F	NTS Certified?	No	Beryllium grams	0
Corrosive?	F	Energy Solutions Certified?	No	Carbon grams	0
Ignitable?	F	On-site Treatment?	No	Enriched in Deuterium	NO
Reactive?	F	Does Waste contain EXPLOSIVES (TNT,	No	Rad Weight determined by	CALIBRATED
Extremely Hazardous	F	Does the Waste contain PYROPHORICS	No	SCALE	
pH		(Uranium turnings that could		Scale Calibration due date	04/25/2002
pH Sources	N/A	spontaneously combust if exposed to		Scale serial number	7203904
Normality		Does Waste contain COMPRESSED GAS	No	<= mR/hr betagamma at Contact	1.25
Flash Point degrees		(unpunctured aerosol can)?		<= mR/hr betagamma at 1 Meter	.9
		Does Waste contain CHELATING AGENTS	No	<= mR/hr Neutron at Contact	N/A
		(Radiac wash > 1% by weight)?		Swipe data complies with on-	YES
		Does Waste contain PCBs?	No	site transfer requirements	

### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? No  
 Waste does NOT comply with LDR No  
 Treatment Standards (Yes means it does not comply - specify STP info)?

### Rad Custom Properties

Survey Meter Model  
 Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

### Constituent/Chemical

MIN

AVE

MAX

UOM

No Container Holds

DEP-U CHIPS AND TURNINGS

30

%(CONST)

TRIMSOL

70

%(CONST)

### Waste Custom Properties

STP Time Period N/A  
 STP Notes  
 Site Treatment Plan N/A  
 Acceptable for Sampling?  
 CC Rule N/A  
 CC Rule Determination  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 RMMA? If yes, and not Rad waste, YES  
 answer next two questions, also.  
 Chemist Review Date  
 Was Waste possibly exposed to N/A  
 processes resulting in Radioactive  
 Contamination?  
 Was Waste exposed to Radioactive N/A  
 inducing particle beam?  
 Does Waste contain radioactive YES  
 components?  
 Reason Removed from STP N/A  
 Does waste contain Beryllium? SELECT

NUCLIDE

Activity (Ci)

Quant. Meth.

Depleted U

9.5E-3

N/A

No EPA Codes

No DTSC

Review Date

Comments

Reviewer

Locked

8/6/05 2:05 PM

TWMS PORTING

Joyce Walkup

No

8/6/05 2:16 PM

DONE

Joyce Walkup

Yes



# Disposal Request Report

7/13/09 4:54 PM

W245422

W245422		Container Information		Container Custom	
Requester Name	Amy Kirch	Container	Q00201172	Other Container Size	
Requester Phone	4-6240	Waste Name	DEP-U CHIPS AND TURNINGS WITH TRIMSOL USED AS INERTER	(cu meters)	
Request Date	6/25/04 12:00 AM			WAA Receival Date	
Location	B321C WAA	Profile Number	R-UMB-0001-01		
Building	321	Waste Type	LLW	On-site Use Only?	NO
Room	1437	Container Type	DM		
Directorate	ENGINEERING	Container Size	55G	Manufacturer Serial	KUZ0138
Account Number	406304	Curr. Quantity	270	No./Batch No.	
Form Code	B319	Orig. Quantity	270	Meets SCIL	YES
Source Code	A491	Unit of Measure	P		
Comments	Dep-U chips/turnings covered in coolant packed in a 30 gal drum and over-packed to a 55 gal drum. Gortex filter vents on both drums PKE 253 Treatment on site Drum # 561	WP Start Date	6/25/04 12:00 AM	Meets SCAL	YES
		WP End Date	9/21/04 12:00 AM		
		Curr. Gross	351	Overpack for Final	NO
		Orig. Gross	351 lbs (159.21 kgs)	Shipment to NTS	
		Tare Weight	81 lbs (36.74 kgs)	Waste Package Seals	YES
		Chemical	DRY SOLIDS	applied?	
		Comments	Bin LL-Pyru-U. 98 lbs Dep-U	Waste Package Seal	14702,
			172 lbs coolant used as inerter Drums 81	Numbers	14703
			lbs tare wt. 30 & 55 gal drums		
			PKE 253		

Physical Properties		Other Waste Properties		Rad Custom Properties	
Drug Precursor	NO	MBA Quantity?	Yes	TSDF Profile	
Spent/Unused	SPENT	Waste contains > 10 LLNL Pu-Eq grams?	No	Calc Total Pu-eq-g	.0000E+00
Waste Form	SOLID	Do not store in a fissionable array.	No	Calc NatU-eq-g	4.4400E+04
Toxic?	F	NTS Certified?	No	Beryllium grams	0
Corrosive?	F	Energy Solutions Certified?	No	Carbon grams	0
Ignitable?	F	On-site Treatment?	Yes	Enriched in Deuterium	NO
Reactive?	F	Does Waste contain EXPLOSIVES (TNT,	No	Rad Weight determined by	CALIBRATED
Extremely Hazardous	F	Does the Waste contain PYROPHORICS	No	SCALE	
pH	N/A	(Uranium turnings that could		Scale Calibration due date	03/26/2005
pH Sources	N/A	spontaneously combust if exposed to		Scale serial number	7203904
Normality	N/A	Does Waste contain COMPRESSED GAS	No	<= mR/hr betagamma at Contact	1.3
Flash Point degrees	NA	(unpunctured aerosol can)?		<= mR/hr betagamma at 1 Meter	.4
		Does Waste contain CHELATING AGENTS	No	<= mR/hr Neutron at Contact	N/A
		(Radiac wash > 1% by weight)?		Swipe data complies with on-	N/A
		Does Waste contain PCBs?	No	site transfer requirements	



### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? Yes  
 Waste does NOT comply with LDR No  
 Treatment Standards (Yes means it does not comply - specify STP info)?

### Rad Custom Properties

Survey Meter Model  
 Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

### Constituent/Chemical

MIN

AVE

MAX

UOM

No Container Holds

Dep-U chips and turnings

36

%(CONST)

coolant

64

%(CONST)

### Waste Custom Properties

Site Treatment Plan N/A  
 Acceptable for Sampling? EXEMPT - DE, NOT ACCEPTABLE FOR SAMPLING  
 CC Rule N/A  
 CC Rule Determination N/A  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 RMMA? If yes, and not Rad waste, answer next two questions, also. YES  
 Chemist Review Date  
 Was Waste possibly exposed to processes resulting in Radioactive Contamination? N/A  
 Was Waste exposed to Radioactive inducing particle beam? N/A  
 Does Waste contain radioactive components? YES  
 STP Time Period N/A  
 STP Notes  
 Reason Removed from STP N/A  
 Does waste contain Beryllium? SELECT

NUCLIDE

Activity (Ci)

Quant. Meth.

Depleted U

1.7E-2

MASS

No EPA Codes

No DTSC

Review Date

Comments

Reviewer

Locked

9/24/04 11:22 AM

CC review complete

Harpreet Grewal

Yes

9/28/04 10:16 AM

RCA Review

John Wolf

No

9/28/04 10:18 AM

RCA Approval for on-site

John Wolf

No



# Disposal Request Report

7/13/09 4:54 PM

W245476

W245476		Container Information		Container Custom	
Requester Name	Amy Kirch	Container	Q00201226	Other Container Size	
Requester Phone	4-6240	Waste Name	DEP-U CHIPS AND TURNINGS WITH TRIMSOL USED AS INERTER	(cu meters)	
Request Date	9/21/04 12:00 AM			WAA Receival Date	
Location	B321C WAA	Profile Number	R-UMB-0001-01		
Building	321	Waste Type	LLW	On-site Use Only?	NO
Room	1437	Container Type	DM		
Directorate	ENGINEERING	Container Size	55G	Manufacturer Serial	KUZ0138
Account Number	406304	Curr. Quantity	274	No./Batch No.	
Form Code	B319	Orig. Quantity	274	Meets SCIL	YES
Source Code	A491	Unit of Measure	P		
Comments	Dep-U chips/turnings covered in coolant packed in a 30 gal drum and over-packed to a 55 gal drum. Gortex filter vents on both drums PKE 253 Treatment on site . Bin LL-PYRO-U.	WP Start Date	7/28/04 12:00 AM	Meets SCAL	NO
		WP End Date	9/21/04 12:00 AM		
		Curr. Gross	355	Overpack for Final	NO
		Orig. Gross	355 lbs (161.03 kgs)	Shipment to NTS	
		Tare Weight	81 lbs (36.74 kgs)	Waste Package Seals	YES
		Chemical	DRY SOLIDS	applied?	
		Comments	104 lbs Dep-U	Waste Package Seal	14719
			170 lbs coolant used as inerter Drums 81	Numbers	
			lbs tare wt. 30 & 55 gal drums		
			PKE 253		

Physical Properties		Other Waste Properties		Rad Custom Properties	
Drug Precursor	NO	MBA Quantity?	Yes	TSDF Profile	
Spent/Unused	SPENT	Waste contains > 10 LLNL Pu-Eq grams?	No	Calc Total Pu-eq-g	.0000E+00
Waste Form	SOLID	Do not store in a fissionable array.	No	Calc NatU-eq-g	4.7200E+04
Toxic?	F	NTS Certified?	No	Beryllium grams	0
Corrosive?	F	Energy Solutions Certified?	No	Carbon grams	0
Ignitable?	F	On-site Treatment?	Yes	Enriched in Deuterium	NO
Reactive?	F	Does Waste contain EXPLOSIVES (TNT,	No	Rad Weight determined by	CALIBRATED
Extremely Hazardous	F	Does the Waste contain PYROPHORICS	Yes	SCALE	
pH	N/A	(Uranium turnings that could		Scale Calibration due date	03/26/2005
pH Sources	N/A	spontaneously combust if exposed to		Scale serial number	7203904
Normality	N/A	Does Waste contain COMPRESSED GAS	No	<= mR/hr betagamma at Contact	1
Flash Point degrees	NA	(unpunctured aerosol can)?		<= mR/hr betagamma at 1 Meter	.26
		Does Waste contain CHELATING AGENTS	No	<= mR/hr Neutron at Contact	N/A
		(Radiac wash > 1% by weight)?		Swipe data complies with on-	YES
		Does Waste contain PCBs?	No	site transfer requirements	

### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? Yes  
 Waste does NOT comply with LDR No  
 Treatment Standards (Yes means it does not comply - specify STP info)?

### Rad Custom Properties

Survey Meter Model  
 Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

### Constituent/Chemical

MIN

AVE

MAX

UOM

No Container Holds

Dep-U chips and turnings

38

%(CONST)

coolant

62

%(CONST)

### Waste Custom Properties

Site Treatment Plan N/A  
 Acceptable for Sampling? EXEMPT - DE, NOT ACCEPTABLE FOR SAMPLING  
 CC Rule N/A  
 CC Rule Determination N/A  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 RMMA? If yes, and not Rad waste, answer next two questions, also. YES  
 Chemist Review Date  
 Was Waste possibly exposed to processes resulting in Radioactive Contamination? N/A  
 Was Waste exposed to Radioactive inducing particle beam? N/A  
 Does Waste contain radioactive components? YES  
 STP Time Period N/A  
 STP Notes  
 Reason Removed from STP N/A  
 Does waste contain Beryllium? SELECT

NUCLIDE

Activity (Ci)

Quant. Meth.

Depleted U

1.8E-2

MASS

No EPA Codes

No DTSC

Review Date

Comments

Reviewer

Locked

9/24/04 11:30 AM

CC review complete

Harpreet Grewal

Yes

9/28/04 10:11 AM

RCA Review

John Wolf

No

9/28/04 10:15 AM

RCA Approval for treatment. John Wolf

Yes



# Disposal Request Report

7/13/09 4:54 PM

W248239

W248239		Container Information		Container Custom	
Requester Name	Amy Kirch	Container	Q00201389	Other Container Size	
Requester Phone	4-6240	Waste Name	LLW DEPT-U CHIPS/TURNINGS COVERED IN TRIMSOL	(cu meters)	
Request Date	12/27/04 12:00 AM			WAA Receiving Date	03/10/2005
Location	ATGEN	Profile Number	R-UMB-0001-01		
Building	321	Waste Type	LLW	On-site Use Only?	NO
Room	1437	Container Type	DM		
Directorate	ENGINEERING	Container Size	55G	Manufacturer Serial	KUZ0177
Account Number	406304	Curr. Quantity	294	No./Batch No.	
Form Code	B319	Orig. Quantity	294	Meets SCIL	YES
Source Code	A942	Unit of Measure	P		
Comments	30 Gallon Steel drum containing Dep-U Chips and Turnings Drum #567 Covered in coolant overpacked to a 55 Gallon drum. Both drums with filter vents. On site treatment, PKE 253. LLPYRO-U	WP Start Date	11/17/04 12:00 AM	Meets SCAL	YES
		WP End Date	3/10/05 12:00 AM		
		Curr. Gross	375	Overpack for Final	N/A
		Orig. Gross	375 lbs (170.1 kgs)	Shipment to NTS	
		Tare Weight	81 lbs (36.74 kgs)	Waste Package Seals	YES
		Chemical	DRY SOLIDS	applied?	
		Comments	LLW Dep-U chips/turnings in a 30 gal drum over packed to a 55 gal. drum covered in trimsol. Trimsol 209 lbs., Dep-U 85 lbs, Tare wt. drums 81 lbs.	Waste Package Seal	L11151,
				Numbers	L11153

Physical Properties		Other Waste Properties		Rad Custom Properties	
Drug Precursor	NO	MBA Quantity?	Yes	TSDF Profile	
Spent/Unused	SPENT	Waste contains > 10 LLNL Pu-Eq grams?	No	Calc Total Pu-eq-g	.0000E+00
Waste Form	SOLID	Do not store in a fissionable array.	No	Calc NatU-eq-g	3.8700E+04
Toxic?	F	NTS Certified?	No	Beryllium grams	0
Corrosive?	F	Energy Solutions Certified?	No	Carbon grams	0
Ignitable?	F	On-site Treatment?	Yes	Enriched in Deuterium	NO
Reactive?	F	Does Waste contain EXPLOSIVES (TNT,	No	Rad Weight determined by	CALIBRATED
Extremely Hazardous	F	Does the Waste contain PYROPHORICS	Yes	SCALE	
pH	N/A	(Uranium turnings that could		Scale Calibration due date	03/26/2005
pH Sources	N/A	spontaneously combust if exposed to		Scale serial number	7203904
Normality	N/A	Does Waste contain COMPRESSED GAS	No	<= mR/hr betagamma at Contact	.6
Flash Point degrees	NA	(unpunctured aerosol can)?		<= mR/hr betagamma at 1 Meter	.16
		Does Waste contain CHELATING AGENTS	No	<= mR/hr Neutron at Contact	
		(Radiac wash > 1% by weight)?		Swipe data complies with on-	YES
		Does Waste contain PCBs?	No	site transfer requirements	

### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? Yes  
 Waste does NOT comply with LDR No  
 Treatment Standards (Yes means it does not comply - specify STP info)?

### Rad Custom Properties

Survey Meter Model  
 Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

### Constituent/Chemical

MIN

AVE

MAX

UOM

No Container Holds

Dep-U 29 %(CONST)  
 Trimsol 71 %(CONST)

### Waste Custom Properties

Site Treatment Plan N/A  
 Acceptable for Sampling? EXEMPT - OP, NOT ACCEPTABLE FOR SAMPLING  
 CC Rule N/A  
 CC Rule Determination N/A  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 RMMA? If yes, and not Rad waste, answer next two questions, also. YES  
 Chemist Review Date  
 Was Waste possibly exposed to processes resulting in Radioactive Contamination? N/A  
 Was Waste exposed to Radioactive inducing particle beam? N/A  
 Does Waste contain radioactive components? YES  
 STP Time Period N/A  
 STP Notes  
 Reason Removed from STP N/A  
 Does waste contain Beryllium? SELECT

NUCLIDE

Activity (Ci)

Quant. Meth.

Depleted U 1.4E-2 MASS

No EPA Codes

No DTSC

Review Date

Comments

Reviewer

Locked

6/28/05 2:53 PM

CC review complete.

Harpreet Grewal

Yes

6/29/05 9:44 AM

RCA review

Tom Coburn

No

6/29/05 9:49 AM

RCA review completed

Tom Coburn

Yes

Review Date	Comments	Reviewer	Locked
6/29/05 10:13 AM	Futher review	Tom Coburn	No
6/29/05 10:17 AM	RCA review completed.	Tom Coburn	Yes
7/22/05 11:20 AM	CHANGE REQUEST	Will Coleman	No
7/22/05 11:21 AM	CHANGE REQUEST COMPLETE	Will Coleman	Yes
7/27/05 1:38 PM	QA EDIT	Will Coleman	No
7/27/05 1:38 PM	QA EDIT COMPLETE	Will Coleman	Yes



# Disposal Request Report

7/13/09 4:54 PM

W248291

W248291		Container Information		Container Custom	
Requester Name	Amy Kirch	Container	Q00201441	Other Container Size	
Requester Phone	4-6240	Waste Name	DEP-U CHIPS AND TURNINGS	(cu meters)	
Request Date	5/19/05 12:00 AM			WAA Receival Date	05/24/2005
Location	ATGEN	Profile Number	R-UMB-0001-01		
Building	321	Waste Type	LLW	On-site Use Only?	NO
Room	1437	Container Type	DM		
Directorate	ENGINEERING	Container Size	55G	Manufacturer Serial	KUZ0177
Account Number	406371	Curr. Quantity	316	No./Batch No.	
Form Code	B319	Orig. Quantity	316	Meets SCIL	YES
Source Code	A491	Unit of Measure	P		
Comments	Dep-U chips and Turnings covered in Water used as inerter. #570 LLW onsite treatment LLPYRO-U. 30 gal. drum overpacked to a 55 gal.steel drum(81lb. tare Wt.) Gortex filters both drums.(Poly liner torn)PKE 253	WP Start Date	3/9/05 12:00 AM	Meets SCAL	YES
		WP End Date	5/18/05 12:00 AM		
		Curr. Gross	397	Overpack for Final	N/A
		Orig. Gross	397 lbs (180.08 kgs)	Shipment to NTS	
		Tare Weight	81 lbs (36.74 kgs)	Waste Package Seals	YES
		Chemical	DRY SOLIDS	applied?	
		Comments	DEP-U CHIPS AND TURNINGS COVERED WITH WATER.LLPYRO-U ONSITE TREATMENT(97lbs.Dep.U,Water 219lbs.,Drum Tare 81lbs.,Liner 1lb.	Waste Package Seal	L11197,L11
				Numbers	198

Physical Properties		Other Waste Properties		Rad Custom Properties	
Drug Precursor	NO	MBA Quantity?	Yes	TSDF Profile	
Spent/Unused	SPENT	Waste contains > 10 LLNL Pu-Eq grams?	No	Calc Total Pu-eq-g	.0000E+00
Waste Form	SOLID	Do not store in a fissionable array.	No	Calc NatU-eq-g	4.4000E+04
Toxic?	F	NTS Certified?	No	Beryllium grams	0
Corrosive?	F	Energy Solutions Certified?	No	Carbon grams	0
Ignitable?	F	On-site Treatment?	Yes	Enriched in Deuterium	NO
Reactive?	F	Does Waste contain EXPLOSIVES (TNT,	No	Rad Weight determined by	CALIBRATED
Extremely Hazardous	F	Does the Waste contain PYROPHORICS	Yes	SCALE	
pH	N/A	(Uranium turnings that could		Scale Calibration due date	03/31/2005
pH Sources	N/A	spontaneously combust if exposed to		Scale serial number	7203904
Normality	N/A	Does Waste contain COMPRESSED GAS	No	<= mR/hr betagamma at Contact	1.8
Flash Point degrees	NA	(unpunctured aerosol can)?		<= mR/hr betagamma at 1 Meter	.4
		Does Waste contain CHELATING AGENTS	No	<= mR/hr Neutron at Contact	
		(Radiac wash > 1% by weight)?		Swipe data complies with on-	YES
		Does Waste contain PCBs?	No	site transfer requirements	

### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? Yes  
 Waste does NOT comply with LDR No  
 Treatment Standards (Yes means it does not comply - specify STP info)?

### Rad Custom Properties

Survey Meter Model  
 Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

### Constituent/Chemical

MIN

AVE

MAX

UOM

No Container Holds

Dep-U chips and turnings

28

%(CONST)

### Waste Custom Properties

Site Treatment Plan N/A  
 Acceptable for Sampling? EXEMPT - DE, NOT ACCEPTABLE FOR SAMPLING  
 CC Rule N/A  
 CC Rule Determination N/A  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 RMMA? If yes, and not Rad waste, answer next two questions, also. YES  
 Chemist Review Date  
 Was Waste possibly exposed to processes resulting in Radioactive Contamination? N/A  
 Was Waste exposed to Radioactive inducing particle beam? N/A  
 Does Waste contain radioactive components? YES  
 STP Time Period N/A  
 STP Notes  
 Reason Removed from STP N/A  
 Does waste contain Beryllium? SELECT

### NUCLIDE

Depleted U

### Activity (Ci)

1.6E-2

### Quant. Meth.

MASS BALANCE

No EPA Codes

No DTSC

Review Date

Comments

Reviewer

Locked

7/29/05 9:44 AM

CC review complete.

Harpreet Grewal

Yes

7/29/05 10:49 AM

Unlocked For RCA Review

Patrick Barry

No

7/29/05 10:52 AM

RCA Review Complete

Patrick Barry

Yes

Review Date	Comments	Reviewer	Locked
7/29/05 2:15 PM	QA	Susan Gagner	No
7/29/05 2:16 PM	Done	Susan Gagner	Yes

# Disposal Request Report

7/13/09 4:54 PM

W247934

## W247934

Requester Name Amy Kirch  
Requester Phone 4-6240  
Request Date 9/16/04 12:00 AM  
Location ATGEN  
Building 321  
Room 1437  
Directorate ENGINEERING  
Account Number 406304  
Form Code B319  
Source Code A491  
Comments Dep-U chips and Turnings covered in Trimsol coolant PKE 253 LLPYROU 30 gal.drum overpacked to a 55 gal drum.

## Container Information

Container Q00204104  
Waste Name DEP-U CHIPS AND TURNINGS COVERED IN COOLANT (AS INERTER)  
Profile Number R-UMB-0001-01  
Waste Type LLW  
Container Type DM  
Container Size 55G  
Curr. Quantity 281  
Orig. Quantity 281  
Unit of Measure P  
WP Start Date 9/16/04 12:00 AM  
WP End Date 9/24/04 12:00 AM  
Curr. Gross 362  
Orig. Gross 362 lbs (164.2 kgs)  
Tare Weight 81 lbs (36.74 kgs)  
Chemical DRY SOLIDS  
Comments Dep-U chips and turnings covered in coolant(used as inerter)coolant 214 lbs.,Dep-U 67lbs. (30gal.34 lbs. drum overpacked to a 55 gal.drum @ 47 lbs. 81

## Container Custom

Other Container Size  
(cu meters)  
WAA Receival Date  
On-site Use Only? NO  
Manufacturer Serial KUZ0160  
No./Batch No.  
Meets SCIL YES  
Meets SCAL YES  
Overpack for Final Shipment to NTS N/A  
Waste Package Seals applied? YES  
Waste Package Seal Numbers L11136,L11137

## Physical Properties

Drug Precursor NO  
Spent/Unused SPENT  
Waste Form SOLID  
Toxic? F  
Corrosive? F  
Ignitable? F  
Reactive? F  
Extremely Hazardous F  
pH N/A  
pH Sources N/A  
Normality N/A  
Flash Point degrees NA

## Other Waste Properties

MBA Quantity? Yes  
Waste contains > 10 LLNL Pu-Eq grams? No  
Do not store in a fissionable array. No  
NTS Certified? No  
Energy Solutions Certified? No  
On-site Treatment? Yes  
Does Waste contain EXPLOSIVES (TNT, No  
Does the Waste contain PYROPHORICS Yes  
(Uranium turnings that could spontaneously combust if exposed to  
Does Waste contain COMPRESSED GAS No  
(unpunctured aerosol can)?  
Does Waste contain CHELATING AGENTS No  
(Radiac wash > 1% by weight)?  
Does Waste contain PCBs? No

## Rad Custom Properties

TSDF Profile  
Calc Total Pu-eq-g .0000E+00  
Calc NatU-eq-g 3.1600E+04  
Beryllium grams 0  
Carbon grams 0  
Enriched in Deuterium NO  
Rad Weight determined by CALIBRATED SCALE  
Scale Calibration due date 03/26/2005  
Scale serial number 7203904  
<= mR/hr betagamma at Contact .5  
<= mR/hr betagamma at 1 Meter .14  
<= mR/hr Neutron at Contact N/A  
Swipe data complies with on-site transfer requirements YES

### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? Yes  
 Waste does NOT comply with LDR No  
 Treatment Standards (Yes means it does not comply - specify STP info)?

### Rad Custom Properties

Survey Meter Model  
 Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

### Constituent/Chemical

MIN

AVE

MAX

UOM

No Container Holds

Coolant 76 %(CONST)  
 Dep-U 24 %(CONST)

### Waste Custom Properties

Site Treatment Plan N/A  
 Acceptable for Sampling? EXEMPT - DE, NOT ACCEPTABLE FOR SAMPLING  
 CC Rule N/A  
 CC Rule Determination N/A  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 RMMA? If yes, and not Rad waste, answer next two questions, also. YES  
 Chemist Review Date  
 Was Waste possibly exposed to processes resulting in Radioactive Contamination? N/A  
 Was Waste exposed to Radioactive inducing particle beam? N/A  
 Does Waste contain radioactive components? YES  
 STP Time Period N/A  
 STP Notes  
 Reason Removed from STP N/A  
 Does waste contain Beryllium? SELECT

NUCLIDE

Activity (Ci)

Quant. Meth.

Depleted U 1.2E-2 MASS

No EPA Codes

No DTSC

Review Date

Comments

Reviewer

Locked

12/1/04 3:46 PM

CC review complete

Harpreet Grewal

Yes

12/2/04 8:49 AM

RCA review, 12-2-04

Chris Steffani

No

12/2/04 8:51 AM

RCA review complete, 12-2-

Chris Steffani

Yes



# Disposal Request Report

7/13/09 4:54 PM

W247937

W247937		Container Information		Container Custom	
Requester Name	Amy Kirch	Container	Q00204107	Other Container Size	
Requester Phone	4-6240	Waste Name	DEP-U CHIPS AND TURNINGS IN COOLANT	(cu meters)	
Request Date	9/17/04 12:00 AM			WAA Receiving Date	
Location	ATGEN	Profile Number	R-UMB-0001-01		
Building	321	Waste Type	LLW	On-site Use Only?	NO
Room	1437	Container Type	DM		
Directorate	ENGINEERING	Container Size	55G	Manufacturer Serial	KUZ0 170
Account Number	406304	Curr. Quantity	301.4	No./Batch No.	
Form Code	B319	Orig. Quantity	301.4	Meets SCIL	YES
Source Code	A491	Unit of Measure	P	Meets SCAL	YES
Comments	Dep-U chips & turnings covered in Trimsol used as inerter (#566) LLW onsite treatment PKE 253. 30 gal. steel drum overpacked to a 55 gal steel drum. Gortex filters both drums. PKE 253	WP Start Date	9/17/04 12:00 AM	Overpack for Final Shipment to NTS	N/A
		WP End Date	12/27/04 12:00 AM	Waste Package Seals applied?	YES
		Curr. Gross	382.4	Waste Package Seal Numbers	L08117,L11 163
		Orig. Gross	382.4 lbs (173.46 kgs)		
		Tare Weight	81 lbs (36.74 kgs)		
		Chemical	DRY SOLIDS		
		Comments	Dep-U chips and turnings Drum 566 coolant 220lbs.Dep-U 81.4lbs. Tare Wt. 81lbs.(30gal, 55gal steel drums)382lbs gross wt. Bin LL-PYRO-U.		

Physical Properties		Other Waste Properties		Rad Custom Properties	
Drug Precursor	NO	MBA Quantity?	Yes	TSDF Profile	
Spent/Unused	SPENT	Waste contains > 10 LLNL Pu-Eq grams?	No	Calc Total Pu-eq-g	.0000E+00
Waste Form	SOLID	Do not store in a fissionable array.	No	Calc NatU-eq-g	3.7000E+04
Toxic?	F	NTS Certified?	No	Beryllium grams	0
Corrosive?	F	Energy Solutions Certified?	No	Carbon grams	0
Ignitable?	F	On-site Treatment?	Yes	Enriched in Deuterium	NO
Reactive?	F	Does Waste contain EXPLOSIVES (TNT,	No	Rad Weight determined by	CALIBRATED
Extremely Hazardous	F	Does the Waste contain PYROPHORICS	Yes	Scale Calibration due date	03/26/2005
pH	N/A	(Uranium turnings that could spontaneously combust if exposed to		Scale serial number	7203904
pH Sources	N/A	Does Waste contain COMPRESSED GAS	No	<= mR/hr betagamma at Contact	.6
Normality	N/A	(unpunctured aerosol can)?		<= mR/hr betagamma at 1 Meter	.16
Flash Point degrees	NA	Does Waste contain CHELATING AGENTS	No	<= mR/hr Neutron at Contact	n/a
		(Radiac wash > 1% by weight)?		Swipe data complies with on-site transfer requirements	YES
		Does Waste contain PCBs?	No		

### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? Yes  
 Waste does NOT comply with LDR No  
 Treatment Standards (Yes means it does not comply - specify STP info)?

### Rad Custom Properties

Survey Meter Model  
 Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

### Constituent/Chemical

MIN

AVE

MAX

UOM

No Container Holds

Coolant used as inerter

73

%(CONST)

Dep-U

27

%(CONST)

### Waste Custom Properties

Site Treatment Plan N/A  
 Acceptable for Sampling? EXEMPT - DE, NOT ACCEPTABLE FOR SAMPLING  
 CC Rule N/A  
 CC Rule Determination N/A  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 RMMA? If yes, and not Rad waste, answer next two questions, also. YES  
 Chemist Review Date  
 Was Waste possibly exposed to processes resulting in Radioactive Contamination? N/A  
 Was Waste exposed to Radioactive inducing particle beam? N/A  
 Does Waste contain radioactive components? YES  
 STP Time Period N/A  
 STP Notes  
 Reason Removed from STP N/A  
 Does waste contain Beryllium? SELECT

NUCLIDE

Activity (Ci)

Quant. Meth.

Depleted U

1.4E-2

MASS

No EPA Codes

No DTSC

Review Date

Comments

Reviewer

Locked

1/14/05 11:58 AM

RCA approval

Kem Hainebach

Yes

1/14/05 1:41 PM

Unlocked for CC review

Harpreet Grewal

No

1/14/05 1:44 PM

CC review complete

Harpreet Grewal

Yes



Review Date	Comments	Reviewer	Locked
1/18/05 8:49 AM	QA	Susan Gagner	No
1/18/05 8:50 AM	Done	Susan Gagner	Yes

# Disposal Request Report

7/13/09 4:54 PM

W247938

## W247938

Requester Name Amy Kirch  
Requester Phone 4-6240  
Request Date 9/16/04 12:00 AM  
Location B321C WAA  
Building 321  
Room 1437  
Directorate ENGINEERING  
Account Number 406304  
Form Code B319  
Source Code A491  
Comments 30 gallon steel drum containing Dep-U Chips and Turnings Drum#565 covered in coolant overpacked to a 55 gallon drum both drums with filter vents.On site treatment.PKE 253

## Container Information

Container Q00204108  
Waste Name DEP-U CHIPS AND TURNINGS  
Profile Number R-UMB-0001-01  
Waste Type LLW  
Container Type DM  
Container Size 55G  
Curr. Quantity 250  
Orig. Quantity 250  
Unit of Measure P  
WP Start Date 9/16/04 12:00 AM  
WP End Date 11/18/04 12:00 AM  
Curr. Gross 328  
Orig. Gross 328 lbs (148.78 kgs)  
Tare Weight 81 lbs (36.74 kgs)  
Chemical DRY SOLIDS  
Comments LLW Dep-U Chips and Turnings covered in Trimsol in a 30 gallon drum overpacked to a 55 gal. Drum PKE 253

## Container Custom

Other Container Size (cu meters)  
WAA Receiving Date  
On-site Use Only? YES  
Manufacturer Serial No./Batch No. KUZ0170  
Meets SCIL YES  
Meets SCAL YES  
Overpack for Final Shipment to NTS N/A  
Waste Package Seals applied? YES  
Waste Package Seal Numbers L08116,L11152

## Physical Properties

Drug Precursor NO  
Spent/Unused SPENT  
Waste Form SOLID  
Toxic? F  
Corrosive? F  
Ignitable? F  
Reactive? F  
Extremely Hazardous F  
pH N/A  
pH Sources N/A  
Normality N/A  
Flash Point degrees NA

## Other Waste Properties

MBA Quantity? Yes  
Waste contains > 10 LLNL Pu-Eq grams? No  
Do not store in a fissionable array. No  
NTS Certified? No  
Energy Solutions Certified? No  
On-site Treatment? Yes  
Does Waste contain EXPLOSIVES (TNT, No  
Does the Waste contain PYROPHORICS Yes  
(Uranium turnings that could spontaneously combust if exposed to  
Does Waste contain COMPRESSED GAS No  
(unpunctured aerosol can)?  
Does Waste contain CHELATING AGENTS No  
(Radiac wash > 1% by weight)?  
Does Waste contain PCBs? No

## Rad Custom Properties

TSDF Profile  
Calc Total Pu-eq-g .0000E+00  
Calc NatU-eq-g 3.5500E+04  
Beryllium grams 0  
Carbon grams 0  
Enriched in Deuterium NO  
Rad Weight determined by CALIBRATED SCALE  
Scale Calibration due date 03/26/2005  
Scale serial number 7203904  
<= mR/hr betagamma at Contact 1  
<= mR/hr betagamma at 1 Meter .24  
<= mR/hr Neutron at Contact na  
Swipe data complies with on-site transfer requirements YES

### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? Yes  
 Waste does NOT comply with LDR No  
 Treatment Standards (Yes means it does not comply - specify STP info)?

### Rad Custom Properties

Survey Meter Model  
 Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

### Constituent/Chemical

MIN

AVE

MAX

UOM

No Container Holds

Coolant 68 %(CONST)  
 Dep-U 32 %(CONST)

### Waste Custom Properties

Site Treatment Plan N/A  
 Acceptable for Sampling? EXEMPT - DE, NOT ACCEPTABLE FOR SAMPLING  
 CC Rule N/A  
 CC Rule Determination N/A  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 RMMA? If yes, and not Rad waste, answer next two questions, also. YES  
 Chemist Review Date  
 Was Waste possibly exposed to processes resulting in Radioactive Contamination? N/A  
 Was Waste exposed to Radioactive inducing particle beam? N/A  
 Does Waste contain radioactive components? YES  
 STP Time Period N/A  
 STP Notes  
 Reason Removed from STP N/A  
 Does waste contain Beryllium? SELECT

NUCLIDE

Activity (Ci)

Quant. Meth.

Depleted U 1.3E-2 MASS

No EPA Codes

No DTSC

Review Date

Comments

Reviewer

Locked

11/22/04 2:07 PM

CC review complete

Harpreet Grewal

Yes

11/23/04 9:47 AM

RCA review

Kem Hainebach

No

11/23/04 9:51 AM

RCA approval

Kem Hainebach

Yes



# Disposal Request Report

7/13/09 4:55 PM

W247538

W247538		Container Information		Container Custom	
Requester Name	Amy Kirch	Container	Q00208268	Other Container Size	
Requester Phone	4-6240	Waste Name	DEP-U CHIPS IN TRIMSOL	(cu meters)	
Request Date	3/7/05 12:00 AM			WAA Receival Date	03/10/2005
Location	B321C WAA	Profile Number	R-UMB-0001-01		
Building	321	Waste Type	LLW	On-site Use Only?	NO
Room	1437	Container Type	DM		
Directorate	ENGINEERING	Container Size	55G	Manufacturer Serial	KUZ0177
Account Number	406304	Curr. Quantity	268	No./Batch No.	
Form Code	B319	Orig. Quantity	268	Meets SCIL	YES
Source Code	A491	Unit of Measure	P		
Comments	Dep-U chips/turnings covered in coolant(as inerter) packed in a 30 gal drum and over-packed to a 55 gal drum. Gortex filter vents on both drums. PKE 253(LLPYRO-U)	WP Start Date	12/27/04 12:00 AM	Meets SCAL	YES
		WP End Date	3/3/05 12:00 AM		
		Curr. Gross	349	Overpack for Final	NO
		Orig. Gross	349 lbs (158.31 kgs)	Shipment to NTS	
		Tare Weight	81 lbs (36.74 kgs)	Waste Package Seals	YES
		Chemical	DRY SOLIDS	applied?	
		Comments	63.8 lbs Dep-U	Waste Package Seal	L11290,
			204.6 lbs coolant	Numbers	L11291
			PKE 253, LLPYROU		

Physical Properties		Other Waste Properties		Rad Custom Properties	
Drug Precursor	NO	MBA Quantity?	Yes	TSDF Profile	
Spent/Unused	SPENT	Waste contains > 10 LLNL Pu-Eq grams?	No	Calc Total Pu-eq-g	.0000E+00
Waste Form	SOLID	Do not store in a fissionable array.	No	Calc NatU-eq-g	2.9000E+04
Toxic?	F	NTS Certified?	No	Beryllium grams	0
Corrosive?	F	Energy Solutions Certified?	No	Carbon grams	0
Ignitable?	F	On-site Treatment?	Yes	Enriched in Deuterium	NO
Reactive?	F	Does Waste contain EXPLOSIVES (TNT,	No	Rad Weight determined by	CALIBRATED
Extremely Hazardous	F	Does the Waste contain PYROPHORICS	Yes	SCALE	
pH	N/A	(Uranium turnings that could		Scale Calibration due date	03/26/2005
pH Sources	N/A	spontaneously combust if exposed to		Scale serial number	7203904
Normality	N/A	Does Waste contain COMPRESSED GAS	No	<= mR/hr betagamma at Contact	.5
Flash Point degrees	NA	(unpunctured aerosol can)?		<= mR/hr betagamma at 1 Meter	.12
		Does Waste contain CHELATING AGENTS	No	<= mR/hr Neutron at Contact	N/A
		(Radiac wash > 1% by weight)?		Swipe data complies with on-	YES
		Does Waste contain PCBs?	No	site transfer requirements	

### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? Yes  
 Waste does NOT comply with LDR No  
 Treatment Standards (Yes means it does not comply - specify STP info)?

### Rad Custom Properties

Survey Meter Model  
 Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

### Constituent/Chemical

MIN

AVE

MAX

UOM

No Container Holds

Dep-U chips and turnings  
 coolant

24  
 76  
 % (CONST)  
 % (CONST)

### Waste Custom Properties

Site Treatment Plan N/A  
 Acceptable for Sampling? EXEMPT - OP, NOT ACCEPTABLE FOR SAMPLING  
 CC Rule N/A  
 CC Rule Determination N/A  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 RMMA? If yes, and not Rad waste, answer next two questions, also. YES  
 Chemist Review Date  
 Was Waste possibly exposed to processes resulting in Radioactive Contamination? N/A  
 Was Waste exposed to Radioactive inducing particle beam? N/A  
 Does Waste contain radioactive components? YES  
 STP Time Period N/A  
 STP Notes  
 Reason Removed from STP N/A  
 Does waste contain Beryllium? SELECT

NUCLIDE

Activity (Ci)

Quant. Meth.

Depleted U 1.1E-2 MASS

No EPA Codes

No DTSC

Review Date

Comments

Reviewer

Locked

6/28/05 2:56 PM

CC review complete.

Harpreet Grewal

Yes

6/29/05 9:26 AM

RCA review

Tom Coburn

No

6/29/05 9:31 AM

RCA review completed

Tom Coburn

Yes

Review Date	Comments	Reviewer	Locked
6/29/05 10:21 AM	Further Review.	Tom Coburn	No
6/29/05 10:29 AM	RCA review completed.	Tom Coburn	Yes
6/30/05 9:51 AM	QA	Susan Gagner	No
6/30/05 9:52 AM	Done	Susan Gagner	Yes
7/22/05 11:11 AM	CHANGE REQUEST	Will Coleman	No
7/22/05 11:12 AM	CHANGE REQUEST COMPLETE	Will Coleman	Yes

# Disposal Request Report

7/13/09 4:55 PM

W247539

W247539		Container Information		Container Custom	
Requester Name	Amy Kirch	Container	Q00208269	Other Container Size	
Requester Phone	4-6240	Waste Name	DEP-U CHIPS AND TURNINGS	(cu meters)	
Request Date	7/13/05 12:00 AM			WAA Receival Date	07/14/2005
Location	ATGEN	Profile Number	R-UMB-0001-01		
Building	321	Waste Type	LLW	On-site Use Only?	NO
Room	1437	Container Type	DM		
Directorate	ENGINEERING	Container Size	55G	Manufacturer Serial	KUZ0 170
Account Number	406304	Curr. Quantity	253	No./Batch No.	
Form Code	B319	Orig. Quantity	253	Meets SCIL	YES
Source Code	A491	Unit of Measure	P		
Comments	Dep-U chips & turnings covered in Water used as inerter (#569) LLW onsite treatment. 30 gal. steel drum overpacked to a 55 gal steel drum. Gortex filters both drums. PKE 253	WP Start Date	3/3/05 12:00 AM	Meets SCAL	YES
		WP End Date	7/13/05 12:00 AM		
		Curr. Gross	334	Overpack for Final	N/A
		Orig. Gross	334 lbs (151.5 kgs)	Shipment to NTS	
		Tare Weight	81 lbs (36.74 kgs)	Waste Package Seals	YES
		Chemical	DRY SOLIDS	applied?	
		Comments	Dep-U chips and turnings with water as an inerter. Drum #569. Total Dep-U is 36.82 grams (On-site Treatment. Change in gram quantity was based on Materials Management	Waste Package Seal	L11299,L11
				Numbers	300

Physical Properties		Other Waste Properties		Rad Custom Properties	
Drug Precursor	NO	MBA Quantity?	No	TSDF Profile	
Spent/Unused	SPENT	Waste contains > 10 LLNL Pu-Eq grams?	No	Calc Total Pu-eq-g	.0000E+00
Waste Form	SOLID	Do not store in a fissionable array.	No	Calc NatU-eq-g	3.6820E+04
Toxic?	F	NTS Certified?	No	Beryllium grams	0
Corrosive?	F	Energy Solutions Certified?	No	Carbon grams	0
Ignitable?	F	On-site Treatment?	Yes	Enriched in Deuterium	NO
Reactive?	F	Does Waste contain EXPLOSIVES (TNT,	No	Rad Weight determined by	CALIBRATED
Extremely Hazardous	F	Does the Waste contain PYROPHORICS	No	SCALE	
pH	N/A	(Uranium turnings that could		Scale Calibration due date	03/31/2006
pH Sources	N/A	spontaneously combust if exposed to		Scale serial number	7203904
Normality	N/A	Does Waste contain COMPRESSED GAS	No	<= mR/hr betagamma at Contact	.24
Flash Point degrees	NA	(unpunctured aerosol can)?		<= mR/hr betagamma at 1 Meter	.2
		Does Waste contain CHELATING AGENTS	No	<= mR/hr Neutron at Contact	
		(Radiac wash > 1% by weight)?		Swipe data complies with on-	YES
		Does Waste contain PCBs?	No	site transfer requirements	



### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? Yes  
 Waste does NOT comply with LDR No  
 Treatment Standards (Yes means it does not comply - specify STP info)?

### Rad Custom Properties

Survey Meter Model  
 Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

### Constituent/Chemical

MIN

AVE

MAX

UOM

No Container Holds

Dep-U chips and turnings

100

%(CONST)

### Waste Custom Properties

Site Treatment Plan N/A  
 Acceptable for Sampling? EXEMPT - DE, NOT ACCEPTABLE FOR SAMPLING  
 CC Rule N/A  
 CC Rule Determination N/A  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 RMMA? If yes, and not Rad waste, answer next two questions, also. YES  
 Chemist Review Date  
 Was Waste possibly exposed to processes resulting in Radioactive Contamination? N/A  
 Was Waste exposed to Radioactive inducing particle beam? N/A  
 Does Waste contain radioactive components? YES  
 STP Time Period N/A  
 STP Notes  
 Reason Removed from STP N/A  
 Does waste contain Beryllium? SELECT

### NUCLIDE

Depleted U

### Activity (Ci)

1.4E-2

### Quant. Meth.

MASS BALANCE

No EPA Codes

No DTSC

Review Date

Comments

Reviewer

Locked

7/29/05 9:42 AM

CC review complete

Harpreet Grewal

Yes

7/29/05 10:56 AM

Unlocked For RCA Review

Patrick Barry

No

7/29/05 10:59 AM

RCA Review Complete

Patrick Barry

Yes

Review Date	Comments	Reviewer	Locked
7/29/05 1:52 PM	QA	Susan Gagner	No
7/29/05 1:53 PM	Done	Susan Gagner	Yes
11/3/05 4:12 PM	CHANGE REQUEST	Will Coleman	No
11/3/05 4:23 PM	CHANGE REQUEST COMPLETE (JAMES JANVRIN DID IT, ACTUALLY!)	Will Coleman	Yes

# Disposal Request Report

7/13/09 4:55 PM

W247561

W247561		Container Information		Container Custom	
Requester Name	Amy Kirch	Container	Q00208292	Other Container Size	
Requester Phone	4-6240	Waste Name	DEP-U CHIPS AND TURNINGS	(cu meters)	
Request Date	9/15/05 12:00 AM			WAA Receival Date	09/15/2005
Location	ATGEN	Profile Number	R-UMB-0001-01		
Building	321	Waste Type	LLW	On-site Use Only?	NO
Room	1437	Container Type	DM		
Directorate	ENGINEERING	Container Size	55G	Manufacturer Serial	KUZ0229
Account Number	406371	Curr. Quantity	279.8	No./Batch No.	
Form Code	B319	Orig. Quantity	279.8	Meets SCIL	YES
Source Code	A491	Unit of Measure	P		
Comments	Dep-U chips and Turnings covered in Water used as inerter. #571 LLW onsite treatment LLPYRO-U. 30 gal. drum overpacked to a 55 gal. steel drum (81lb. tare Wt.) Gortex filters both drums)PKE 253	WP Start Date	5/18/05 12:00 AM	Meets SCAL	YES
		WP End Date	9/15/05 12:00 AM		
		Curr. Gross	360.8	Overpack for Final	N/A
		Orig. Gross	360.8 lbs (163.66 kgs)	Shipment to NTS	
		Tare Weight	81 lbs (36.74 kgs)	Waste Package Seals	YES
		Chemical	DRY SOLIDS	applied?	
		Comments	DEP-U CHIPS AND TURNINGS COVERED WITH WATER.LLPYRO-U ONSITE TREATMENT(86.2lbs.Dep.U(31%,Water 193.6lbs(69%) used as inerter.Drums 30 &	Waste Package Seal	L09088,L09088

Physical Properties		Other Waste Properties		Rad Custom Properties	
Drug Precursor	NO	MBA Quantity?	Yes	TSDF Profile	
Spent/Unused	SPENT	Waste contains > 10 LLNL Pu-Eq grams?	No	Calc Total Pu-eq-g	.0000E+00
Waste Form	SOLID	Do not store in a fissionable array.	No	Calc NatU-eq-g	3.9100E+04
Toxic?	F	NTS Certified?	No	Beryllium grams	0
Corrosive?	F	Energy Solutions Certified?	No	Carbon grams	0
Ignitable?	F	On-site Treatment?	Yes	Enriched in Deuterium	NO
Reactive?	F	Does Waste contain EXPLOSIVES (TNT,	No	Rad Weight determined by	CALIBRATED
Extremely Hazardous	F	Does the Waste contain PYROPHORICS	Yes	SCALE	
pH	N/A	(Uranium turnings that could		Scale Calibration due date	03/31/2006
pH Sources	N/A	spontaneously combust if exposed to		Scale serial number	7203904
Normality	N/A	Does Waste contain COMPRESSED GAS	No	<= mR/hr betagamma at Contact	1.5
Flash Point degrees	NA	(unpunctured aerosol can)?		<= mR/hr betagamma at 1 Meter	.25
		Does Waste contain CHELATING AGENTS	No	<= mR/hr Neutron at Contact	N/A
		(Radiac wash > 1% by weight)?		Swipe data complies with on-site transfer requirements	YES
		Does Waste contain PCBs?	No		

### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? Yes  
 Waste does NOT comply with LDR No  
 Treatment Standards (Yes means it does not comply - specify STP info)?

### Rad Custom Properties

Survey Meter Model  
 Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

### Constituent/Chemical

MIN

AVE

MAX

UOM

No Container Holds

Dep-U chips and turnings in water

31

%(CONST)

### Waste Custom Properties

Site Treatment Plan N/A  
 Acceptable for Sampling? EXEMPT - DE, NOT ACCEPTABLE FOR SAMPLING  
 CC Rule N/A  
 CC Rule Determination N/A  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 RMMA? If yes, and not Rad waste, answer next two questions, also. YES  
 Chemist Review Date  
 Was Waste possibly exposed to processes resulting in Radioactive Contamination? N/A  
 Was Waste exposed to Radioactive inducing particle beam? N/A  
 Does Waste contain radioactive components? YES  
 STP Time Period N/A  
 STP Notes  
 Reason Removed from STP N/A  
 Does waste contain Beryllium? SELECT

NUCLIDE

Activity (Ci)

Quant. Meth.

Depleted U

1.5E-2

MASS BALANCE

No EPA Codes

No DTSC

Review Date

Comments

Reviewer

Locked

10/12/05 2:51 PM

CC review complete

Harpreet Grewal

Yes

10/13/05 8:12 AM

RCA review

Kem Hainebach

No

10/13/05 8:15 AM

RCA approval

Kem Hainebach

Yes

Review Date	Comments	Reviewer	Locked
10/13/05 9:38 AM	QA	Susan Gagner	No
10/13/05 9:39 AM	Done	Susan Gagner	Yes
11/3/05 10:06 AM	CHANGING WAA RECEIVAL DATE	Will Coleman	No
11/3/05 10:06 AM	CHANGED	Will Coleman	Yes

# Disposal Request Report

7/13/09 4:55 PM

W212173

W212173		Container Information		Container Custom	
Requester Name	Amy Kirch	Container	Q00212383	Other Container Size	
Requester Phone	4-6240	Waste Name	DEP-U CHIPS AND TURNINGS	(cu meters)	
Request Date	3/21/06 12:00 AM			WAA Receiving Date	03/20/2006
Location	B321B WAA	Profile Number	R-UMB-0001-01	On-site Use Only?	NO
Building	321	Waste Type	LLW	Manufacturer Serial	KUZ0170
Room	1437	Container Type	DM	No./Batch No.	
Directorate	ENGINEERING	Container Size	55G	Meets SCIL	N/A
Account Number	406371	Curr. Quantity	41.5	Meets SCAL	YES
Form Code	B319	Orig. Quantity	41.5	Overpack for Final	N/A
Source Code	A491	Unit of Measure	K	Shipment to NTS	
Comments	# 573 Dep-U chips and Turnings covered in Water used as inerter.LLW onsite treatment LPPYRO-U. 30 gal. drum overpacked to a 55 gal.steel drum Gortex filters both drums.PKE 253	WP Start Date	7/6/05 12:00 AM	Waste Package Seals applied?	YES
		WP End Date	3/20/06 12:00 AM	Waste Package Seal	14741,1474
		Curr. Gross	395	Numbers	0
		Orig. Gross	395 lbs (179.17 kgs)		
		Tare Weight	34 lbs (15.42 kgs)		
		Chemical	DRY SOLIDS		
		Comments	Outer 55 gallon drum was inspected for off-site use on 3/20/06 by JJ LFL0006		

Physical Properties		Other Waste Properties		Rad Custom Properties	
Drug Precursor	NO	MBA Quantity?	Yes	TSDF Profile	
Spent/Unused	SPENT	Waste contains > 10 LLNL Pu-Eq grams?	No	Calc Total Pu-eq-g	.0000E+00
Waste Form	SOLID	Do not store in a fissionable array.	Yes	Calc NatU-eq-g	4.1500E+04
Toxic?	F	NTS Certified?	No	Beryllium grams	0
Corrosive?	F	Energy Solutions Certified?	No	Carbon grams	0
Ignitable?	F	On-site Treatment?	Yes	Enriched in Deuterium	NO
Reactive?	F	Does Waste contain EXPLOSIVES (TNT,	No	Rad Weight determined by	CALIBRATED
Extremely Hazardous	F	Does the Waste contain PYROPHORICS	Yes	SCALE	
pH	N/A	(Uranium turnings that could		Scale Calibration due date	03/31/2006
pH Sources	N/A	spontaneously combust if exposed to		Scale serial number	7203904
Normality	N/A	Does Waste contain COMPRESSED GAS	No	<= mR/hr betagamma at Contact	1
Flash Point degrees	NA	(unpunctured aerosol can)?		<= mR/hr betagamma at 1 Meter	1
		Does Waste contain CHELATING AGENTS	No	<= mR/hr Neutron at Contact	N/A
		(Radiac wash > 1% by weight)?		Swipe data complies with on-site transfer requirements	YES
		Does Waste contain PCBs?	No		

### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? Yes  
 Waste does NOT comply with LDR No  
 Treatment Standards (Yes means it does not comply - specify STP info)?

### Rad Custom Properties

Survey Meter Model  
 Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

### Constituent/Chemical

MIN

AVE

MAX

UOM

No Container Holds

Dep-U Chips in Water (as an inerter)

100

100

%(CONST)

### Waste Custom Properties

Site Treatment Plan N/A  
 Acceptable for Sampling? EXEMPT - DE, NOT ACCEPTABLE FOR SAMPLING  
 CC Rule N/A  
 CC Rule Determination N/A  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 RMMA? If yes, and not Rad waste, answer next two questions, also. YES  
 Chemist Review Date  
 Was Waste possibly exposed to processes resulting in Radioactive Contamination? N/A  
 Was Waste exposed to Radioactive inducing particle beam? N/A  
 Does Waste contain radioactive components? YES  
 STP Time Period N/A  
 STP Notes  
 Reason Removed from STP N/A  
 Does waste contain Beryllium? SELECT

NUCLIDE

Activity (Ci)

Quant. Meth.

Depleted U

1.5E-2

MASS BALANCE

No EPA Codes

No DTSC

Review Date

Comments

Reviewer

Locked

3/23/06 8:01 AM

CC review completed.

Hector Pedemonte

Yes

3/24/06 2:46 PM

RCA review complete.

John Wolf

Yes

3/28/06 9:59 AM

Unlocked for CC/RCA review

Jean Lindsey

No

Review Date	Comments	Reviewer	Locked
3/28/06 10:01 AM	Accepted. Q number was incorrect. Contacted JJ to get correct Q number.	Jean Lindsey	Yes
6/8/07 11:06 AM	DONE: Prefill new manifest qty from S01G	Cecilia Castillo	Yes
6/8/07 11:06 AM	Prefill new manifest qty	Cecilia Castillo	No



# Disposal Request Report

7/13/09 4:55 PM

W203968

W203968		Container Information		Container Custom	
Requester Name	AMELIA KIRCH	Container	Q00061689	Other Container Size	
Requester Phone	46240	Waste Name	DEP-U CHIPS & TURNINGS COVERED IN TRIM-SOL	(cu meters)	
Request Date	7/30/05 12:00 AM			WAA Receiving Date	
Location	ATGEN	Profile Number	R-UMB-0001-01		
Building	321	Waste Type	LLW	On-site Use Only?	NO
Room	1437	Container Type	DM		
Directorate	ENGINEERING	Container Size	30G	Manufacturer Serial	
Account Number	406301	Curr. Quantity	45.4	No./Batch No.	
Form Code	B319	Orig. Quantity	45.4	Meets SCIL	YES
Source Code	A491	Unit of Measure	K		
Comments	Loaded from TWMS 26-JAN-04: SPENT INORGANIC SOLID DEP-U CHIPS AND TURNINGS COVER IN TRIM-SOL, TRIM-SOL 20-1 97.5 KG, TRIMSOL USED AS INERTER MBA MATERIAL PKE 253	WP Start Date	3/7/01 12:00 AM	Meets SCAL	YES
		WP End Date	6/15/01 12:00 AM		
		Curr. Gross	382.94	Overpack for Final Shipment to NTS	N/A
		Orig. Gross	382.94 lbs (173.7 kgs)	Waste Package Seals applied?	N/A
		Tare Weight	33.95 lbs (15.4 kgs)	Waste Package Seal Numbers	
		Chemical	AQUEOUS		
		Comments	Loaded from TWMS 26-JAN-04 LL-PYRO-U		

Physical Properties		Other Waste Properties		Rad Custom Properties	
Drug Precursor	NO	MBA Quantity?	Yes	TSDF Profile	
Spent/Unused	SPENT	Waste contains > 10 LLNL Pu-Eq grams?	No	Calc Total Pu-eq-g	.0000E+00
Waste Form	SOLID	Do not store in a fissionable array.	No	Calc NatU-eq-g	4.5400E+04
Toxic?	F	NTS Certified?	No	Beryllium grams	0
Corrosive?	F	Energy Solutions Certified?	No	Carbon grams	0
Ignitable?	F	On-site Treatment?	Yes	Enriched in Deuterium	NO
Reactive?	F	Does Waste contain EXPLOSIVES (TNT,	No	Rad Weight determined by	SELECT
Extremely Hazardous	F	Does the Waste contain PYROPHORICS (Uranium turnings that could spontaneously combust if exposed to	Yes	Scale Calibration due date	
pH		Does Waste contain COMPRESSED GAS (unpunctured aerosol can)?	No	Scale serial number	
pH Sources	N/A	Does Waste contain CHELATING AGENTS (Radiac wash > 1% by weight)?	No	<= mR/hr betagamma at Contact	1
Normality		Does Waste contain PCBs?	No	<= mR/hr betagamma at 1 Meter	1
Flash Point degrees				<= mR/hr Neutron at Contact	
				Swipe data complies with on-site transfer requirements	N/A
				Survey Meter Model	

### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? Yes  
 Waste does NOT comply with LDR No  
 Treatment Standards (Yes means it does not comply - specify STP info)?

### Rad Custom Properties

Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

### Constituent/Chemical

MIN

AVE

MAX

UOM

No Container Holds

DEP-U CHIPS & TURNINGS COVERED IN TRIM-SOL

100

%(CONST)

### Waste Custom Properties

STP Time Period N/A  
 STP Notes  
 Site Treatment Plan N/A  
 Acceptable for Sampling? EXEMPT - SA, NOT ACCEPTABLE FOR SAMPLING  
 CC Rule N/A  
 CC Rule Determination N/A  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 RMMA? If yes, and not Rad waste, answer next two questions, also. YES  
 Chemist Review Date 06/25/2001  
 Was Waste possibly exposed to processes resulting in Radioactive Contamination? N/A  
 Was Waste exposed to Radioactive inducing particle beam? N/A  
 Does Waste contain radioactive components? YES  
 Reason Removed from STP N/A  
 Does waste contain Beryllium? SELECT

### NUCLIDE

Depleted U

### Activity (Ci)

1.7E-2

### Quant. Meth.

N/A

No EPA Codes

No DTSC

Review Date

Comments

Reviewer

Locked

7/30/05 9:44 AM

TWMPORT

Will Coleman

No

7/30/05 9:48 AM

TWMPORT COMPLETE

Will Coleman

Yes

8/1/05 4:08 PM

QA

Susan Gagner

No

8/1/05 4:08 PM

Done

Susan Gagner

Yes



# Disposal Request Report

7/13/09 4:55 PM

W301020

W301020		Container Information		Container Custom	
Requester Name	Amy Kirch	Container	Q00219278	Other Container Size	
Requester Phone	4-6240	Waste Name	DEP-U CHIPS AND TURNINGS	(cu meters)	
Request Date	12/27/05 12:00 AM			WAA Receiving Date	12/28/2005
Location	B321B WAA	Profile Number	R-UMB-0001-01		
Building	321	Waste Type	LLW	On-site Use Only?	NO
Room	1437	Container Type	DM		
Directorate	ENGINEERING	Container Size	55G	Manufacturer Serial	KUZ0237
Account Number	406371	Curr. Quantity	43	No./Batch No.	
Form Code	B319	Orig. Quantity	47	Meets SCIL	YES
Source Code	A491	Unit of Measure	K		
Comments	Dep-U chips and Turnings covered in Water used as inerter.LLW onsite treatment LLPYRO-U. 30 gal. drum overpacked to a 55 gal.steel drum Gortex filters both drums.PKE 253	WP Start Date	9/14/05 12:00 AM	Meets SCAL	YES
		WP End Date	12/28/05 12:00 AM		
		Curr. Gross	382	Overpack for Final	N/A
		Orig. Gross	382 lbs (173.28 kgs)	Shipment to NTS	
		Tare Weight	34.1 lbs (15.47 kgs)	Waste Package Seals	YES
		Chemical	DRY SOLIDS	applied?	
		Comments	DEP-U CHIPS AND TURNINGS COVERED WITH WATER.LLPYRO-U ONSITE TREATMENT(Dep-U 47.0kg) (Tare wt= 131kg consists of water as inerter,and a 30&55 gallon open top	Waste Package Seal	L00834,L00
				Numbers	835

Physical Properties		Other Waste Properties		Rad Custom Properties	
Drug Precursor	NO	MBA Quantity?	Yes	TSDF Profile	
Spent/Unused	SPENT	Waste contains > 10 LLNL Pu-Eq grams?	No	Calc Total Pu-eq-g	.0000E+00
Waste Form	SOLID	Do not store in a fissionable array.	Yes	Calc NatU-eq-g	4.3000E+04
Toxic?	F	NTS Certified?	No	Beryllium grams	0
Corrosive?	F	Energy Solutions Certified?	No	Carbon grams	0
Ignitable?	F	On-site Treatment?	Yes	Enriched in Deuterium	NO
Reactive?	F	Does Waste contain EXPLOSIVES (TNT,	No	Rad Weight determined by	CALIBRATED
Extremely Hazardous	F	Does the Waste contain PYROPHORICS	Yes	SCALE	
pH	N/A	(Uranium turnings that could		Scale Calibration due date	03/31/2005
pH Sources	N/A	spontaneously combust if exposed to		Scale serial number	7203904
Normality	N/A	Does Waste contain COMPRESSED GAS	No	<= mR/hr betagamma at Contact	1.1
Flash Point degrees	NA	(unpunctured aerosol can)?		<= mR/hr betagamma at 1 Meter	.1
		Does Waste contain CHELATING AGENTS	No	<= mR/hr Neutron at Contact	N/A
		(Radiac wash > 1% by weight)?		Swipe data complies with on-	YES
		Does Waste contain PCBs?	No	site transfer requirements	

### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? Yes  
 Waste does NOT comply with LDR No  
 Treatment Standards (Yes means it does not comply - specify STP info)?

### Rad Custom Properties

Survey Meter Model  
 Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

### Constituent/Chemical

MIN

AVE

MAX

UOM

No Container Holds

Dep-U Chips in Water (as an inerter)

100

100

%(CONST)

### Waste Custom Properties

Site Treatment Plan N/A  
 Acceptable for Sampling? EXEMPT - DE, NOT ACCEPTABLE FOR SAMPLING  
 CC Rule N/A  
 CC Rule Determination N/A  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 RMMA? If yes, and not Rad waste, answer next two questions, also. YES  
 Chemist Review Date  
 Was Waste possibly exposed to processes resulting in Radioactive Contamination? N/A  
 Was Waste exposed to Radioactive inducing particle beam? N/A  
 Does Waste contain radioactive components? YES  
 STP Time Period N/A  
 STP Notes  
 Reason Removed from STP N/A  
 Does waste contain Beryllium? SELECT

### NUCLIDE

### Activity (Ci)

### Quant. Meth.

Depleted U

1.6E-2

MASS BALANCE

No EPA Codes

No DTSC

Review Date

Comments

Reviewer

Locked

1/6/06 9:49 AM

CC review complete.

Harpreet Grewal

Yes

1/9/06 11:29 AM

RCA review.

John Wolf

No

1/9/06 11:32 AM

RCA review complete.

John Wolf

Yes

Review Date	Comments	Reviewer	Locked
1/9/06 11:54 AM	Accepted by S and D CC/RCA.	Jean Lindsey	Yes
1/9/06 2:23 PM	QA	Susan Gagner	No
1/9/06 2:24 PM	Done	Susan Gagner	Yes
2/14/06 10:38 AM	CHANGE REQUEST	Will Coleman	No
2/14/06 10:40 AM	CHANGE REQUEST COMPLETE	Will Coleman	Yes
2/14/06 10:58 AM	QA EDIT	Will Coleman	No
2/14/06 10:59 AM	ALREADY DONE.	Will Coleman	Yes

# Disposal Request Report

7/13/09 4:55 PM

W305336

W305336		Container Information		Container Custom	
Requester Name	Amy Kirch	Container	Q00219397	Other Container Size	
Requester Phone	4-6240	Waste Name	DEP-U CHIPS AND TURNINGS	(cu meters)	
Request Date	4/12/06 12:00 AM			WAA Receival Date	04/12/2006
Location	B321B WAA	Profile Number	R-UMB-0001-01		
Building	321	Waste Type	LLW	On-site Use Only?	NO
Room	1437	Container Type	DM		
Directorate	ENGINEERING	Container Size	55G	Manufacturer Serial	LFL0013
Account Number	387110	Curr. Quantity	29.1	No./Batch No.	
Form Code	B319	Orig. Quantity	29.1	Meets SCIL	N/A
Source Code	A491	Unit of Measure	K		
Comments	# 579 Dep-U chips and Turnings covered in Water used as inerter.LLW onsite treatment; LLPYRO-U, or comparable. 30 gal. drum overpacked to a 55 gal.steel drum Gortex filters both drums.PKE 253	WP Start Date	3/15/06 12:00 AM	Meets SCAL	YES
		WP End Date	4/12/06 12:00 AM		
		Curr. Gross	365	Overpack for Final	N/A
		Orig. Gross	365 lbs (165.56 kgs)	Shipment to NTS	
		Tare Weight	34 lbs (15.42 kgs)	Waste Package Seals	YES
		Chemical	DRY SOLIDS	applied?	
		Comments	Outer 55 gallon drum was inspected for off-site use on 4/12/06 by JJ LFL0013	Waste Package Seal	L15292,L15
				Numbers	293

Physical Properties		Other Waste Properties		Rad Custom Properties	
Drug Precursor	NO	MBA Quantity?	Yes	TSDF Profile	
Spent/Unused	SPENT	Waste contains > 10 LLNL Pu-Eq grams?	No	Calc Total Pu-eq-g	.0000E+00
Waste Form	SOLID	Do not store in a fissionable array.	Yes	Calc NatU-eq-g	2.9100E+04
Toxic?	F	NTS Certified?	No	Beryllium grams	0
Corrosive?	F	Energy Solutions Certified?	No	Carbon grams	0
Ignitable?	F	On-site Treatment?	Yes	Enriched in Deuterium	NO
Reactive?	F	Does Waste contain EXPLOSIVES (TNT,	No	Rad Weight determined by	CALIBRATED
Extremely Hazardous	F	Does the Waste contain PYROPHORICS	Yes	SCALE	
pH	N/A	(Uranium turnings that could		Scale Calibration due date	03/17/2007
pH Sources	N/A	spontaneously combust if exposed to		Scale serial number	7203904
Normality	N/A	Does Waste contain COMPRESSED GAS	No	<= mR/hr betagamma at Contact	1
Flash Point degrees	NA	(unpunctured aerosol can)?		<= mR/hr betagamma at 1 Meter	1
		Does Waste contain CHELATING AGENTS	No	<= mR/hr Neutron at Contact	N/A
		(Radiac wash > 1% by weight)?		Swipe data complies with on-	YES
		Does Waste contain PCBs?	No	site transfer requirements	

### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? Yes  
 Waste does NOT comply with LDR No  
 Treatment Standards (Yes means it does not comply - specify STP info)?

### Rad Custom Properties

Survey Meter Model  
 Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

### Constituent/Chemical

MIN

AVE

MAX

UOM

No Container Holds

Dep-U Chips in Water (as an inerter)

100

100

%(CONST)

### Waste Custom Properties

Site Treatment Plan N/A  
 Acceptable for Sampling? EXEMPT - DE, NOT ACCEPTABLE FOR SAMPLING  
 CC Rule N/A  
 CC Rule Determination N/A  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 RMMA? If yes, and not Rad waste, answer next two questions, also. YES  
 Chemist Review Date  
 Was Waste possibly exposed to processes resulting in Radioactive Contamination? N/A  
 Was Waste exposed to Radioactive inducing particle beam? N/A  
 Does Waste contain radioactive components? YES  
 STP Time Period N/A  
 STP Notes  
 Reason Removed from STP N/A  
 Does waste contain Beryllium? SELECT

### NUCLIDE

### Activity (Ci)

### Quant. Meth.

Depleted U

1.1E-2

MASS BALANCE

No EPA Codes

No DTSC

Review Date

Comments

Reviewer

Locked

4/18/06 3:50 PM

MBA transfer sheet required Collin Jones

Yes

4/19/06 8:39 AM

Further RCA review Tom Coburn

No

4/19/06 8:48 AM

RCA review complete. Requires MBA transfer paper Tom Coburn

Yes



Review Date	Comments	Reviewer	Locked
6/8/07 11:06 AM	Prefill new manifest qty	Cecilia Castillo	No
6/8/07 11:06 AM	DONE: Prefill new manifest qty from S01G	Cecilia Castillo	Yes

# Disposal Request Report

7/13/09 4:55 PM

W305337

## W305337

Requester Name Amy Kirch  
Requester Phone 4-6240  
Request Date 8/26/06 12:00 AM  
Location B321B WAA  
Building 321  
Room 1437  
Directorate ENGINEERING  
Account Number 387110  
Form Code B319  
Source Code A491  
Comments IGD# 0321-1437-30-R-OG #580 Dep-U chips and Turnings covered in Water used as inerter.30 gal. drum overpacked to a 55 gal.steel drum Nucfil filters on both drums.

## Container Information

Container Q00219402  
Waste Name DEP-U CHIPS AND TURNINGS  
Profile Number R-UMB-0001-01  
Waste Type LLW  
Container Type DM  
Container Size 55G  
Curr. Quantity 32.6  
Orig. Quantity 29.1  
Unit of Measure K  
WP Start Date 3/30/06 12:00 AM  
WP End Date 8/24/06 12:00 AM  
Curr. Gross 371  
Orig. Gross 371 lbs (168.29 kgs)  
Tare Weight 47 lbs (21.32 kgs)  
Chemical DRY SOLIDS  
Comments Actual DepU in drum estimated by Material Balance to be 32.6 Kg

## Container Custom

Other Container Size (cu meters)  
WAA Receival Date 08/24/2006  
On-site Use Only? NO  
Manufacturer Serial LFL0028  
No./Batch No.  
Meets SCIL N/A  
Meets SCAL YES  
Overpack for Final Shipment to NTS N/A  
Waste Package Seals applied? N/A  
Waste Package Seal Numbers

## Physical Properties

Drug Precursor NO  
Spent/Unused SPENT  
Waste Form SOLID  
Toxic? F  
Corrosive? F  
Ignitable? F  
Reactive? F  
Extremely Hazardous F  
pH N/A  
pH Sources N/A  
Normality N/A  
Flash Point degrees NA

## Other Waste Properties

MBA Quantity? Yes  
Waste contains > 10 LLNL Pu-Eq grams? No  
Do not store in a fissionable array. No  
NTS Certified? No  
Energy Solutions Certified? No  
On-site Treatment? No  
Does Waste contain EXPLOSIVES (TNT, No  
Does the Waste contain PYROPHORICS Yes  
(Uranium turnings that could spontaneously combust if exposed to  
Does Waste contain COMPRESSED GAS No  
(unpunctured aerosol can)?  
Does Waste contain CHELATING AGENTS No  
(Radiac wash > 1% by weight)?  
Does Waste contain PCBs? No

## Rad Custom Properties

TSDF Profile  
Calc Total Pu-eq-g .0000E+00  
Calc NatU-eq-g 3.2600E+04  
Beryllium grams 0  
Carbon grams 0  
Enriched in Deuterium NO  
Rad Weight determined by CALIBRATED  
SCALE  
Scale Calibration due date 03/17/2007  
Scale serial number 7203904  
<= mR/hr betagamma at Contact 1  
<= mR/hr betagamma at 1 Meter 1  
<= mR/hr Neutron at Contact N/A  
Swipe data complies with on-site transfer requirements YES

### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? Yes  
 Waste does NOT comply with LDR Yes  
 Treatment Standards (Yes means it does not comply - specify STP info)?

### Rad Custom Properties

Survey Meter Model  
 Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

### Constituent/Chemical

MIN

AVE

MAX

UOM

No Container Holds

Dep-U Chips in Water (as an inerter)

100

100

%(CONST)

### Waste Custom Properties

Does waste contain Beryllium? SELECT  
 Site Treatment Plan N/A  
 Acceptable for Sampling? EXEMPT - DE, NOT ACCEPTABLE FOR SAMPLING  
 CC Rule N/A  
 CC Rule Determination N/A  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 RMMA? If yes, and not Rad waste, answer next two questions, also. YES  
 Chemist Review Date  
 Was Waste possibly exposed to processes resulting in Radioactive Contamination? N/A  
 Was Waste exposed to Radioactive inducing particle beam? N/A  
 Does Waste contain radioactive components? YES  
 STP Time Period N/A  
 STP Notes  
 Reason Removed from STP N/A

### NUCLIDE

Depleted U

### Activity (Ci)

1.2E-2

### Quant. Meth.

MASS BALANCE

No EPA Codes

No DTSC

### Review Date

8/31/06 3:28 PM

8/31/06 3:51 PM

### Comments

RCA review

RCA review complete. Waste to be repackaged in mineral oil by WTG and staged for subsequent off-site

### Reviewer

Gwynn Aldrich

Gwynn Aldrich

### Locked

No

Yes

Review Date	Comments	Reviewer	Locked
8/31/06 4:01 PM	QA Check	Gwynn Aldrich	No
8/31/06 4:02 PM	QA check complete	Gwynn Aldrich	Yes
8/31/06 4:18 PM	Final QA check	Gwynn Aldrich	No
8/31/06 4:18 PM	Final QA check complete	Gwynn Aldrich	Yes
9/1/06 9:01 AM	Unlocked for Review	Pat Barry	No
9/1/06 9:18 AM	Accepted	Pat Barry	Yes
9/1/06 9:21 AM	Unlocked for correction	Pat Barry	No
9/1/06 9:22 AM	Corrected	Pat Barry	Yes
9/1/06 9:39 AM	Unlocked for re-correction	Pat Barry	No
9/1/06 9:39 AM	re-corrected	Pat Barry	Yes
9/1/06 10:27 AM	QA Complete	Jean Lindsey	Yes
6/8/07 11:06 AM	DONE: Prefill new manifest qty from S01G	Cecilia Castillo	Yes
6/8/07 11:06 AM	Prefill new manifest qty	Cecilia Castillo	No

# Disposal Request Report

7/13/09 4:55 PM

W305335

W305335		Container Information		Container Custom	
Requester Name	Amy Kirch	Container	Q00219403	Other Container Size	
Requester Phone	4-6240	Waste Name	DEP-U CHIPS AND TURNINGS	(cu meters)	
Request Date	3/21/06 12:00 AM			WAA Receiving Date	03/20/2006
Location	B321B WAA	Profile Number	R-UMB-0001-01	On-site Use Only?	NO
Building	321	Waste Type	LLW	Manufacturer Serial	LFL0005
Room	1437	Container Type	DM	No./Batch No.	
Directorate	ENGINEERING	Container Size	55G	Meets SCIL	N/A
Account Number	406371	Curr. Quantity	35.7	Meets SCAL	YES
Form Code	B319	Orig. Quantity	35.7	Overpack for Final	N/A
Source Code	A491	Unit of Measure	K	Shipment to NTS	
Comments	# 578 Dep-U chips and Turnings covered in Water used as inerter.LLW onsite treatment LPPYRO-U. 30 gal. drum overpacked to a 55 gal.steel drum Gortex filters both drums.PKE 253	WP Start Date	2/28/06 12:00 AM	Waste Package Seals	YES
		WP End Date	3/20/06 12:00 AM	applied?	
		Curr. Gross	384	Waste Package Seal	14748,1474
		Orig. Gross	384 lbs (174.18 kgs)	Numbers	9
		Tare Weight	34 lbs (15.42 kgs)		
		Chemical	DRY SOLIDS		
		Comments	Outer 55 gallon drum was inspected for off-site use on 3/20/06 by JJ LFL0005		

Physical Properties		Other Waste Properties		Rad Custom Properties	
Drug Precursor	NO	MBA Quantity?	Yes	TSDF Profile	
Spent/Unused	SPENT	Waste contains > 10 LLNL Pu-Eq grams?	No	Calc Total Pu-eq-g	.0000E+00
Waste Form	SOLID	Do not store in a fissionable array.	Yes	Calc NatU-eq-g	3.5700E+04
Toxic?	F	NTS Certified?	No	Beryllium grams	0
Corrosive?	F	Energy Solutions Certified?	No	Carbon grams	0
Ignitable?	F	On-site Treatment?	Yes	Enriched in Deuterium	NO
Reactive?	F	Does Waste contain EXPLOSIVES (TNT,	No	Rad Weight determined by	CALIBRATED
Extremely Hazardous	F	Does the Waste contain PYROPHORICS	Yes	SCALE	
pH	N/A	(Uranium turnings that could		Scale Calibration due date	03/31/2006
pH Sources	N/A	spontaneously combust if exposed to		Scale serial number	7203904
Normality	N/A	Does Waste contain COMPRESSED GAS	No	<= mR/hr betagamma at Contact	1
Flash Point degrees	NA	(unpunctured aerosol can)?		<= mR/hr betagamma at 1 Meter	1
		Does Waste contain CHELATING AGENTS	No	<= mR/hr Neutron at Contact	N/A
		(Radiac wash > 1% by weight)?		Swipe data complies with on-	YES
		Does Waste contain PCBs?	No	site transfer requirements	

### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? Yes  
 Waste does NOT comply with LDR No  
 Treatment Standards (Yes means it does not comply - specify STP info)?

### Rad Custom Properties

Survey Meter Model  
 Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

### Constituent/Chemical

MIN

AVE

MAX

UOM

No Container Holds

Dep-U Chips in Water (as an inerter)

100

100

%(CONST)

### Waste Custom Properties

Site Treatment Plan N/A  
 Acceptable for Sampling? EXEMPT - DE, NOT ACCEPTABLE FOR SAMPLING  
 CC Rule N/A  
 CC Rule Determination N/A  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 RMMA? If yes, and not Rad waste, answer next two questions, also. YES  
 Chemist Review Date  
 Was Waste possibly exposed to processes resulting in Radioactive Contamination? N/A  
 Was Waste exposed to Radioactive inducing particle beam? N/A  
 Does Waste contain radioactive components? YES  
 STP Time Period N/A  
 STP Notes  
 Reason Removed from STP N/A  
 Does waste contain Beryllium? SELECT

NUCLIDE

Activity (Ci)

Quant. Meth.

Depleted U

1.3E-2

MASS BALANCE

No EPA Codes

No DTSC

Review Date

Comments

Reviewer

Locked

3/23/06 8:14 AM

CC review completed.

Hector Pedemonte

Yes

3/24/06 2:44 PM

RCA review complete.

John Wolf

Yes

3/24/06 3:33 PM

Unlocked for CC/RCA review

Jean Lindsey

No

Review Date	Comments	Reviewer	Locked
3/24/06 3:34 PM	Accepted	Jean Lindsey	Yes
6/8/07 11:06 AM	DONE: Prefill new manifest qty from S01G	Cecilia Castillo	Yes
6/8/07 11:06 AM	Prefill new manifest qty	Cecilia Castillo	No

# Disposal Request Report

7/13/09 4:55 PM

W305332

W305332		Container Information		Container Custom	
Requester Name	Amy Kirch	Container	Q00219404	Other Container Size	
Requester Phone	4-6240	Waste Name	DEP-U CHIPS AND TURNINGS	(cu meters)	
Request Date	8/26/06 12:00 AM			WAA Receival Date	08/24/2006
Location	B321B WAA	Profile Number	R-UMB-0001-01		
Building	321	Waste Type	LLW	On-site Use Only?	NO
Room	1437	Container Type	DM		
Directorate	ENGINEERING	Container Size	55G	Manufacturer Serial	LFL0028
Account Number	387110	Curr. Quantity	29.8	No./Batch No.	
Form Code	B319	Orig. Quantity	32.6	Meets SCIL	N/A
Source Code	A491	Unit of Measure	K		
Comments	IGD# 0321-1437-30-R-OG #577 Dep-U chips and Turnings covered in Water used as inerter.30 gal. drum overpacked to a 55 gal.steel drum Nucfil filters on both drums.	WP Start Date	2/28/06 12:00 AM	Meets SCAL	YES
		WP End Date	8/8/06 12:00 AM		
		Curr. Gross	361	Overpack for Final	N/A
		Orig. Gross	361 lbs (163.75 kgs)	Shipment to NTS	
		Tare Weight	47 lbs (21.32 kgs)	Waste Package Seals	N/A
		Chemical	DRY SOLIDS	applied?	
		Comments	The amount of DepU provided by MC&A was 29.8 kg. Material is inerted in mineral oil for subsequent off-site treatment by incineration.	Waste Package Seal	
				Numbers	

Physical Properties		Other Waste Properties		Rad Custom Properties	
Drug Precursor	NO	MBA Quantity?	Yes	TSDF Profile	
Spent/Unused	SPENT	Waste contains > 10 LLNL Pu-Eq grams?	No	Calc Total Pu-eq-g	.0000E+00
Waste Form	SOLID	Do not store in a fissionable array.	No	Calc NatU-eq-g	2.9800E+04
Toxic?	F	NTS Certified?	No	Beryllium grams	0
Corrosive?	F	Energy Solutions Certified?	No	Carbon grams	0
Ignitable?	F	On-site Treatment?	No	Enriched in Deuterium	NO
Reactive?	F	Does Waste contain EXPLOSIVES (TNT,	No	Rad Weight determined by	CALIBRATED
Extremely Hazardous	F	Does the Waste contain PYROPHORICS	Yes	SCALE	
pH	N/A	(Uranium turnings that could		Scale Calibration due date	03/17/2007
pH Sources	N/A	spontaneously combust if exposed to		Scale serial number	7203904
Normality	N/A	Does Waste contain COMPRESSED GAS	No	<= mR/hr betagamma at Contact	1
Flash Point degrees	NA	(unpunctured aerosol can)?		<= mR/hr betagamma at 1 Meter	1
		Does Waste contain CHELATING AGENTS	No	<= mR/hr Neutron at Contact	N/A
		(Radiac wash > 1% by weight)?		Swipe data complies with on-	YES
		Does Waste contain PCBs?	No	site transfer requirements	



### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? Yes  
 Waste does NOT comply with LDR Yes  
 Treatment Standards (Yes means it does not comply - specify STP info)?

### Rad Custom Properties

Survey Meter Model  
 Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

### Constituent/Chemical

MIN

AVE

MAX

UOM

No Container Holds

Dep-U Chips in Water (as an inerter)

100

100

%(CONST)

### Waste Custom Properties

Does waste contain Beryllium? SELECT  
 Site Treatment Plan N/A  
 Acceptable for Sampling? EXEMPT - DE, NOT ACCEPTABLE FOR SAMPLING  
 CC Rule N/A  
 CC Rule Determination N/A  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 RMMA? If yes, and not Rad waste, answer next two questions, also. YES  
 Chemist Review Date  
 Was Waste possibly exposed to processes resulting in Radioactive Contamination? N/A  
 Was Waste exposed to Radioactive inducing particle beam? N/A  
 Does Waste contain radioactive components? YES  
 STP Time Period N/A  
 STP Notes  
 Reason Removed from STP N/A

### NUCLIDE

Depleted U

### Activity (Ci)

1.1E-2

### Quant. Meth.

MASS BALANCE

No EPA Codes

No DTSC

Review Date

Comments

Reviewer

Locked

8/31/06 4:21 PM

RCA review

Gwynn Aldrich

No

8/31/06 4:31 PM

RCA review complete. Note that OnSite Treatment answered "YES", as inerting liquid in this drum needs

Gwynn Aldrich

Yes

Review Date	Comments	Reviewer	Locked
	oil before shipment Offsite for incineration.		
9/1/06 9:23 AM	Unlocked for Review	Pat Barry	No
9/1/06 9:37 AM	Accepted	Pat Barry	Yes
9/1/06 10:20 AM	QA Complete	Jean Lindsey	Yes
6/8/07 11:06 AM	Prefill new manifest qty	Cecilia Castillo	No
6/8/07 11:06 AM	DONE: Prefill new manifest qty from S01G	Cecilia Castillo	Yes

# Disposal Request Report

7/13/09 4:55 PM

W305322

W305322		Container Information		Container Custom	
Requester Name	Amy Kirch	Container	Q00219405	Other Container Size	
Requester Phone	4-6240	Waste Name	DEP-U CHIPS AND TURNINGS	(cu meters)	
Request Date	3/21/06 12:00 AM			WAA Receival Date	03/20/2006
Location	B321B WAA	Profile Number	R-UMB-0001-01		
Building	321	Waste Type	LLW	On-site Use Only?	NO
Room	1437	Container Type	DM		
Directorate	ENGINEERING	Container Size	55G	Manufacturer Serial	KUZ0177
Account Number	406371	Curr. Quantity	37	No./Batch No.	
Form Code	B319	Orig. Quantity	37	Meets SCIL	N/A
Source Code	A491	Unit of Measure	K		
Comments	# 576 Dep-U chips and Turnings covered in Water used as inerter.LLW onsite treatment LPPYRO-U. 30 gal. drum overpacked to a 55 gal.steel drum Gortex filters both drums.PKE 253	WP Start Date	2/2/06 12:00 AM	Meets SCAL	YES
		WP End Date	3/20/06 12:00 AM		
		Curr. Gross	374	Overpack for Final	N/A
		Orig. Gross	374 lbs (169.65 kgs)	Shipment to NTS	
		Tare Weight	34 lbs (15.42 kgs)	Waste Package Seals	YES
		Chemical	DRY SOLIDS	applied?	
		Comments	Outer 55 gallon drum was inspected for off-site use on 3/20/06 by JJ LFL0006	Waste Package Seal	14746,1474
				Numbers	3

Physical Properties		Other Waste Properties		Rad Custom Properties	
Drug Precursor	NO	MBA Quantity?	Yes	TSDF Profile	
Spent/Unused	SPENT	Waste contains > 10 LLNL Pu-Eq grams?	No	Calc Total Pu-eq-g	.0000E+00
Waste Form	SOLID	Do not store in a fissionable array.	Yes	Calc NatU-eq-g	3.7000E+04
Toxic?	F	NTS Certified?	No	Beryllium grams	0
Corrosive?	F	Energy Solutions Certified?	No	Carbon grams	0
Ignitable?	F	On-site Treatment?	Yes	Enriched in Deuterium	NO
Reactive?	F	Does Waste contain EXPLOSIVES (TNT,	No	Rad Weight determined by	CALIBRATED
Extremely Hazardous	F	Does the Waste contain PYROPHORICS	Yes	SCALE	
pH	N/A	(Uranium turnings that could		Scale Calibration due date	03/31/2006
pH Sources	N/A	spontaneously combust if exposed to		Scale serial number	7203904
Normality	N/A	Does Waste contain COMPRESSED GAS	No	<= mR/hr betagamma at Contact	1
Flash Point degrees	NA	(unpunctured aerosol can)?		<= mR/hr betagamma at 1 Meter	1
		Does Waste contain CHELATING AGENTS	No	<= mR/hr Neutron at Contact	N/A
		(Radiac wash > 1% by weight)?		Swipe data complies with on-	YES
		Does Waste contain PCBs?	No	site transfer requirements	

### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? Yes  
 Waste does NOT comply with LDR No  
 Treatment Standards (Yes means it does not comply - specify STP info)?

### Rad Custom Properties

Survey Meter Model  
 Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

### Constituent/Chemical

MIN

AVE

MAX

UOM

No Container Holds

Dep-U Chips in Water (as an inerter)

100

100

%(CONST)

### Waste Custom Properties

Site Treatment Plan N/A  
 Acceptable for Sampling? EXEMPT - DE, NOT ACCEPTABLE FOR SAMPLING  
 CC Rule N/A  
 CC Rule Determination N/A  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 RMMA? If yes, and not Rad waste, answer next two questions, also. YES  
 Chemist Review Date  
 Was Waste possibly exposed to processes resulting in Radioactive Contamination? N/A  
 Was Waste exposed to Radioactive inducing particle beam? N/A  
 Does Waste contain radioactive components? YES  
 STP Time Period N/A  
 STP Notes  
 Reason Removed from STP N/A  
 Does waste contain Beryllium? SELECT

### NUCLIDE

### Activity (Ci)

### Quant. Meth.

Depleted U

1.4E-2

MASS BALANCE

No EPA Codes

No DTSC

Review Date

Comments

Reviewer

Locked

3/23/06 8:12 AM

CC review completed.

Hector Pedemonte

Yes

3/24/06 2:41 PM

RCA review.

John Wolf

No

3/24/06 2:42 PM

RCA review complete.

John Wolf

Yes

Review Date	Comments	Reviewer	Locked
3/24/06 3:37 PM	Unlocked for CC/RCA review	Jean Lindsey	No
3/24/06 3:38 PM	Accepted	Jean Lindsey	Yes
6/8/07 11:06 AM	Prefill new manifest qty	Cecilia Castillo	No
6/8/07 11:06 AM	DONE: Prefill new manifest qty from S01G	Cecilia Castillo	Yes

# Disposal Request Report

7/13/09 4:55 PM

W305309

W305309		Container Information		Container Custom	
Requester Name	Amy Kirch	Container	Q00219436	Other Container Size	
Requester Phone	4-6240	Waste Name	DEP-U CHIPS AND TURNINGS	(cu meters)	
Request Date	3/20/06 12:00 AM			WAA Receiving Date	03/20/2006
Location	B321B WAA	Profile Number	R-UMB-0001-01		
Building	321	Waste Type	LLW	On-site Use Only?	NO
Room	1437	Container Type	DM		
Directorate	ENGINEERING	Container Size	55G	Manufacturer Serial	KUZ0170
Account Number	406371	Curr. Quantity	39	No./Batch No.	
Form Code	B319	Orig. Quantity	39	Meets SCIL	N/A
Source Code	A491	Unit of Measure	K		
Comments	Dep-U chips and Turnings covered in Water used as inerter.LLW onsite treatment LPPYRO-U. 30 gal. drum overpacked to a 55 gal.steel drum Gortex filters both drums.PKE 253	WP Start Date	12/2/05 12:00 AM	Meets SCAL	YES
		WP End Date	3/20/06 12:00 AM		
		Curr. Gross	353	Overpack for Final	N/A
		Orig. Gross	353 lbs (160.12 kgs)	Shipment to NTS	
		Tare Weight	33.9 lbs (15.38 kgs)	Waste Package Seals	YES
		Chemical	DRY SOLIDS	applied?	
		Comments	Outer 55 gallon drum was inspected for off- site use on 3/20/06 by JJ LFL0006	Waste Package Seal	14745,1474
				Numbers	2

Physical Properties		Other Waste Properties		Rad Custom Properties	
Drug Precursor	NO	MBA Quantity?	Yes	TSDF Profile	
Spent/Unused	SPENT	Waste contains > 10 LLNL Pu-Eq grams?	No	Calc Total Pu-eq-g	.0000E+00
Waste Form	SOLID	Do not store in a fissionable array.	Yes	Calc NatU-eq-g	3.9000E+04
Toxic?	F	NTS Certified?	No	Beryllium grams	0
Corrosive?	F	Energy Solutions Certified?	No	Carbon grams	0
Ignitable?	F	On-site Treatment?	Yes	Enriched in Deuterium	NO
Reactive?	F	Does Waste contain EXPLOSIVES (TNT,	No	Rad Weight determined by	CALIBRATED
Extremely Hazardous	F	Does the Waste contain PYROPHORICS	Yes	SCALE	
pH	N/A	(Uranium turnings that could		Scale Calibration due date	03/31/2006
pH Sources	N/A	spontaneously combust if exposed to		Scale serial number	7203904
Normality	N/A	Does Waste contain COMPRESSED GAS	No	<= mR/hr betagamma at Contact	1
Flash Point degrees	NA	(unpunctured aerosol can)?		<= mR/hr betagamma at 1 Meter	1
		Does Waste contain CHELATING AGENTS	No	<= mR/hr Neutron at Contact	N/A
		(Radiac wash > 1% by weight)?		Swipe data complies with on- site transfer requirements	YES
		Does Waste contain PCBs?	No		

### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? Yes  
 Waste does NOT comply with LDR No  
 Treatment Standards (Yes means it does not comply - specify STP info)?

### Rad Custom Properties

Survey Meter Model  
 Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

### Constituent/Chemical

MIN

AVE

MAX

UOM

No Container Holds

Dep-U Chips in Water (as an inerter)

100

100

%(CONST)

### Waste Custom Properties

Site Treatment Plan N/A  
 Acceptable for Sampling? EXEMPT - DE, NOT ACCEPTABLE FOR SAMPLING  
 CC Rule N/A  
 CC Rule Determination N/A  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 RMMA? If yes, and not Rad waste, answer next two questions, also. YES  
 Chemist Review Date  
 Was Waste possibly exposed to processes resulting in Radioactive Contamination? N/A  
 Was Waste exposed to Radioactive inducing particle beam? N/A  
 Does Waste contain radioactive components? YES  
 STP Time Period N/A  
 STP Notes  
 Reason Removed from STP N/A  
 Does waste contain Beryllium? SELECT

NUCLIDE

Activity (Ci)

Quant. Meth.

Depleted U

1.5E-2

MASS BALANCE

No EPA Codes

No DTSC

Review Date

Comments

Reviewer

Locked

3/23/06 8:08 AM

CC review completed.

Hector Pedemonte

Yes

3/24/06 2:39 PM

RCA review.

John Wolf

No

3/24/06 2:40 PM

RCA review complete.

John Wolf

Yes

Review Date	Comments	Reviewer	Locked
3/24/06 3:40 PM	Unlocked for CC/RCA review	Jean Lindsey	No
3/24/06 3:41 PM	Accepted	Jean Lindsey	Yes
6/8/07 11:06 AM	Prefill new manifest qty	Cecilia Castillo	No
6/8/07 11:06 AM	DONE: Prefill new manifest qty from S01G	Cecilia Castillo	Yes



# Disposal Request Report

7/13/09 4:55 PM

W305503

W305503		Container Information		Container Custom	
Requester Name	ROBIN ABACHERLI	Container	Q00221576	Other Container Size	
Requester Phone	2-3523	Waste Name	N: WEF-SHARPS (AUTOCLAVED).	(cu meters)	
Request Date	11/10/05 12:00 AM			WAA Receival Date	11/09/2005
Location	B361 WAA	Profile Number	N-WEF-0079-01		
Building	361	Waste Type	NON-HAZ	On-site Use Only?	NO
Room	1536	Container Type	DF		
Directorate	BIOLOGY & BIOTECHNOLOGY	Container Size	55G	Manufacturer Serial	KUZ0237
Account Number	425718	Curr. Quantity	37	No./Batch No.	
Form Code	B409	Orig. Quantity	37	Meets SCIL	YES
Source Code	A943	Unit of Measure	P		
Comments	WEF# 079-1, AUTOCLAVED SHARPS	WP Start Date	10/20/05 12:00 AM	Meets SCAL	N/A
		WP End Date	11/9/05 12:00 AM		
		Curr. Gross	53	Overpack for Final	N/A
		Orig. Gross	53 lbs (24.04 kgs)	Shipment to NTS	
		Tare Weight	23 lbs (10.43 kgs)	Waste Package Seals	N/A
		Chemical	DRY SOLIDS	applied?	
		Comments	WEF# 079-1, AUTOCLAVED SHARPS IN RIDGID SHARPS CONTAINERS.	Waste Package Seal	
				Numbers	

Physical Properties		Other Waste Properties		Rad Custom Properties	
Drug Precursor	NO	MBA Quantity?	No	TSDF Profile	
Spent/Unused	SPENT	Waste contains > 10 LLNL Pu-Eq grams?	No	Calc Total Pu-eq-g	
Waste Form	SOLID	Do not store in a fissionable array.	No	Calc NatU-eq-g	
Toxic?	F	NTS Certified?	No	Beryllium grams	
Corrosive?	F	Energy Solutions Certified?	No	Carbon grams	
Ignitable?	F	On-site Treatment?	No	Enriched in Deuterium	NO
Reactive?	F	Does Waste contain EXPLOSIVES (TNT,	No	Rad Weight determined by	SELECT
Extremely Hazardous	F	Does the Waste contain PYROPHORICS	No	Scale Calibration due date	
pH	N/A	(Uranium turnings that could		Scale serial number	
pH Sources	N/A	spontaneously combust if exposed to		<= mR/hr betagamma at Contact	
Normality	N/A	Does Waste contain COMPRESSED GAS	No	<= mR/hr betagamma at 1 Meter	
Flash Point degrees	NA	(unpunctured aerosol can)?		<= mR/hr Neutron at Contact	
		Does Waste contain CHELATING AGENTS	No	Swipe data complies with on-	YES
		(Radiac wash > 1% by weight)?		site transfer requirements	
		Does Waste contain PCBs?	No	Survey Meter Model	

### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? No  
 Waste does NOT comply with LDR No  
 Treatment Standards (Yes means it does not comply - specify STP info)?

### Rad Custom Properties

Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

### Constituent/Chemical

MIN

AVE

MAX

UOM

No Container Holds

Plastic and Steel

100

%(CONST)

### Waste Custom Properties

Chemist Review Date  
 CC Rule N/A  
 Acceptable for Sampling? EXEMPT - SA, NOT ACCEPTABLE FOR SAMPLING  
 CC Rule Determination N/A  
 Does Waste contain radioactive components? NO  
 RMMA? If yes, and not Rad waste, answer next two questions, also. NO  
 Was Waste possibly exposed to processes resulting in Radioactive Contamination? N/A  
 Was Waste exposed to Radioactive inducing particle beam? N/A  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 Site Treatment Plan N/A  
 STP Time Period N/A  
 STP Notes  
 Reason Removed from STP N/A  
 Does waste contain Beryllium? SELECT

No EPA Codes

No DTSC

Review Date

Comments

Reviewer

Locked

11/15/05 11:15 AM

Reviewed and released

Tony Be Lue

Yes

1/24/06 3:54 PM

Correcting start date year

Susan Gagner

No

1/24/06 3:55 PM

Done

Susan Gagner

Yes



# Disposal Request Report

7/13/09 4:55 PM

W309501

W309501		Container Information		Container Custom	
Requester Name	Amy Kirch	Container	Q00227229	Other Container Size	
Requester Phone	4-6240	Waste Name	DEP-U CHIPS AND TURNINGS	(cu meters)	
Request Date	8/26/06 12:00 AM			WAA Receival Date	08/24/2006
Location	B321B WAA	Profile Number	R-UMB-0001-01		
Building	321	Waste Type	LLW	On-site Use Only?	NO
Room	1437	Container Type	DM		
Directorate	ENGINEERING	Container Size	55G	Manufacturer Serial	LFL0013
Account Number	387110	Curr. Quantity	22.3	No./Batch No.	
Form Code	B319	Orig. Quantity	29.1	Meets SCIL	N/A
Source Code	A491	Unit of Measure	K		
Comments	# 581 Dep-U chips and Turnings covered in mineral oil used as inerter. 30 gal. drum overpacked to a 55 gal. steel drum Nucfil filters both drums. Waste to be staged by WTG till shipment to Offsite TSD for incineration.	WP Start Date	7/26/06 12:00 AM	Meets SCAL	YES
		WP End Date	8/24/06 12:00 AM		
		Curr. Gross	313	Overpack for Final	N/A
		Orig. Gross	313 lbs (141.98 kgs)	Shipment to NTS	
		Tare Weight	46 lbs (20.87 kgs)	Waste Package Seals	N/A
		Chemical	DRY SOLIDS	applied?	
		Comments		Waste Package Seal	
				Numbers	

Physical Properties		Other Waste Properties		Rad Custom Properties	
Drug Precursor	NO	MBA Quantity?	Yes	TSDF Profile	
Spent/Unused	SPENT	Waste contains > 10 LLNL Pu-Eq grams?	No	Calc Total Pu-eq-g	.0000E+00
Waste Form	SOLID	Do not store in a fissionable array.	No	Calc NatU-eq-g	2.2300E+04
Toxic?	F	NTS Certified?	No	Beryllium grams	0
Corrosive?	F	Energy Solutions Certified?	No	Carbon grams	0
Ignitable?	F	On-site Treatment?	No	Enriched in Deuterium	NO
Reactive?	F	Does Waste contain EXPLOSIVES (TNT,	No	Rad Weight determined by	CALIBRATED
Extremely Hazardous	F	Does the Waste contain PYROPHORICS	Yes	SCALE	
pH	N/A	(Uranium turnings that could		Scale Calibration due date	03/17/2007
pH Sources	N/A	spontaneously combust if exposed to		Scale serial number	7203904
Normality	N/A	Does Waste contain COMPRESSED GAS	No	<= mR/hr betagamma at Contact	1
Flash Point degrees	NA	(unpunctured aerosol can)?		<= mR/hr betagamma at 1 Meter	1
		Does Waste contain CHELATING AGENTS	No	<= mR/hr Neutron at Contact	N/A
		(Radiac wash > 1% by weight)?		Swipe data complies with on-	YES
		Does Waste contain PCBs?	No	site transfer requirements	

### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? Yes  
 Waste does NOT comply with LDR Yes  
 Treatment Standards (Yes means it does not comply - specify STP info)?

### Rad Custom Properties

Survey Meter Model  
 Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

### Constituent/Chemical

MIN

AVE

MAX

UOM

No Container Holds

Dep-U Chips in mineral oil (as an inerter) 100 100 %(CONST)

### Waste Custom Properties

Does waste contain Beryllium? SELECT  
 Site Treatment Plan N/A  
 Acceptable for Sampling? EXEMPT - DE, NOT ACCEPTABLE FOR SAMPLING  
 CC Rule N/A  
 CC Rule Determination N/A  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 RMMA? If yes, and not Rad waste, answer next two questions, also. YES  
 Chemist Review Date  
 Was Waste possibly exposed to processes resulting in Radioactive Contamination? N/A  
 Was Waste exposed to Radioactive inducing particle beam? N/A  
 Does Waste contain radioactive components? YES  
 STP Time Period N/A  
 STP Notes  
 Reason Removed from STP N/A

NUCLIDE

Activity (Ci)

Quant. Meth.

Depleted U 8.3E-3 MASS BALANCE

No EPA Codes

No DTSC

Review Date

Comments

Reviewer

Locked

8/31/06 4:17 PM

RCA review completed. Note Gwynn Aldrich that Onsite treatment answered "NO" because this container is only being staged by WTG until subsequent shipment for

Yes

Review Date	Comments	Reviewer	Locked
9/1/06 8:47 AM	Unlocked for Review	Pat Barry	No
9/1/06 8:58 AM	Accepted	Pat Barry	Yes
9/1/06 10:08 AM	QA Complete	Jean Lindsey	Yes
6/8/07 11:08 AM	Prefill new manifest qty	Cecilia Castillo	No
6/8/07 11:08 AM	DONE: Prefill new manifest qty from S01G	Cecilia Castillo	Yes

# Disposal Request Report

7/13/09 4:55 PM

W311278

## W311278

Requester Name Amy Kirch  
Requester Phone 4-6240  
Request Date 3/12/07 12:00 AM  
Location B321B WAA  
Building 321  
Room 1437  
Directorate ENGINEERING  
Account Number 387110  
Form Code B319  
Source Code A491  
Comments IGD# 0321-1437-30-R-OG Drum #584  
Dep-U chips & turnings in mineral oil as  
inert. 30 Gal. drum overpacked in 55  
Gal drum. NucFil 013 filters with required  
gasket on both drums. Waste to be held  
in RHWM for Offsite TSD.

## Container Information

Container Q00231313  
Waste Name DEP-U CHIPS AND TURNINGS  
Profile Number R-UMB-0001-01  
Waste Type LLW  
Container Type DM  
Container Size 55G  
Curr. Quantity 47.9  
Orig. Quantity 47.9  
Unit of Measure K  
WP Start Date 8/25/06 12:00 AM  
WP End Date 3/12/07 12:00 AM  
Curr. Gross 375  
Orig. Gross 375 lbs (170.1 kgs)  
Tare Weight 270 lbs (122.47 kgs)  
Chemical DRY SOLIDS  
Comments Actual DepU in drum quantified by Material  
Balance estimated to be 47.9Kg Total Tare  
weight above includes mineral oil(85.9Kg),  
and inner(15.4Kg) and outer(21.3Kg)

## Container Custom

Other Container Size  
(cu meters)  
WAA Receiving Date 03/12/2007  
On-site Use Only? NO  
Manufacturer Serial LFL0049  
No./Batch No.  
Meets SCIL N/A  
Meets SCAL YES  
Overpack for Final N/A  
Shipment to NTS  
Waste Package Seals N/A  
applied?  
Waste Package Seal  
Numbers

## Physical Properties

Drug Precursor NO  
Spent/Unused SPENT  
Waste Form SOLID  
Toxic? F  
Corrosive? F  
Ignitable? F  
Reactive? F  
Extremely Hazardous F  
pH N/A  
pH Sources N/A  
Normality N/A  
Flash Point degrees NA

## Other Waste Properties

MBA Quantity? Yes  
Waste contains > 10 LLNL Pu-Eq grams? No  
Do not store in a fissionable array. No  
NTS Certified? No  
Energy Solutions Certified? No  
On-site Treatment? No  
Does Waste contain EXPLOSIVES (TNT, No  
Does the Waste contain PYROPHORICS Yes  
(Uranium turnings that could  
spontaneously combust if exposed to  
Does Waste contain COMPRESSED GAS No  
(unpunctured aerosol can)?  
Does Waste contain CHELATING AGENTS No  
(Radiac wash > 1% by weight)?  
Does Waste contain PCBs? No

## Rad Custom Properties

TSDF Profile Offsite TSD  
Calc Total Pu-eq-g .0000E+00  
Calc NatU-eq-g 4.7900E+04  
Beryllium grams 0  
Carbon grams 0  
Enriched in Deuterium NO  
Rad Weight determined by CALIBRATED  
SCALE  
Scale Calibration due date 03/17/2007  
Scale serial number 7203904  
≤ mR/hr betagamma at Contact 1  
≤ mR/hr betagamma at 1 Meter 1  
≤ mR/hr Neutron at Contact N/A  
Swipe data complies with on- YES  
site transfer requirements

### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? Yes  
 Waste does NOT comply with LDR Yes  
 Treatment Standards (Yes means it does not comply - specify STP info)?

### Rad Custom Properties

Survey Meter Model  
 Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

### Constituent/Chemical

MIN

AVE

MAX

UOM

No Container Holds

Dep-U Chips in Mineral oil (as an inerter) 100 100 %(CONST)

### Waste Custom Properties

Does waste contain Beryllium? SELECT  
 Site Treatment Plan N/A  
 Acceptable for Sampling? EXEMPT - DE, NOT ACCEPTABLE FOR SAMPLING  
 CC Rule N/A  
 CC Rule Determination N/A  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 RMMA? If yes, and not Rad waste, answer next two questions, also. YES  
 Chemist Review Date  
 Was Waste possibly exposed to processes resulting in Radioactive Contamination? N/A  
 Was Waste exposed to Radioactive inducing particle beam? N/A  
 Does Waste contain radioactive components? YES  
 STP Time Period N/A  
 STP Notes  
 Reason Removed from STP N/A

NUCLIDE

Activity (Ci)

Quant. Meth.

Depleted U 1.8E-2 MASS BALANCE

No EPA Codes

No DTSC

Review Date

Comments

Reviewer

Locked

3/15/07 2:08 PM

CC review complete.

Harpreet Grewal

Yes

4/2/07 10:51 AM

RCA review

Gwynn Aldrich

No

4/2/07 10:58 AM

RCA review complete. Drum to be held in RHWM until

Gwynn Aldrich

Yes



Review Date	Comments	Reviewer	Locked
	Offsite TSD.		
4/2/07 11:31 AM	Unlocked for Review	Pat Barry	No
4/2/07 11:33 AM	Accepted	Pat Barry	Yes
4/2/07 11:44 AM	QA Complete	Jean Lindsey	Yes
6/8/07 11:11 AM	DONE: Prefill new manifest qty from S01G	Cecilia Castillo	Yes
6/8/07 11:11 AM	Prefill new manifest qty	Cecilia Castillo	No

# Disposal Request Report

7/13/09 4:55 PM

W311277

## W311277

Requester Name Amy Kirch  
Requester Phone 4-6240  
Request Date 3/12/07 12:00 AM  
Location B321B WAA  
Building 321  
Room 1437  
Directorate ENGINEERING  
Account Number 387110  
Form Code B319  
Source Code A491  
Comments IGD# 0321-1437-30-R-OG Drum #583  
Dep-U chips & turnings in mineral oil as  
inert. 30 Gal. drum overpacked in 55  
Gal drum. NucFil 013 filters with required  
gasket on both drums. Waste to be held  
in RHWM for Offsite TSD.

## Container Information

Container Q00231314  
Waste Name DEP-U CHIPS AND TURNINGS  
Profile Number R-UMB-0001-01  
Waste Type LLW  
Container Type DM  
Container Size 55G  
Curr. Quantity 35.6  
Orig. Quantity 35.6  
Unit of Measure K  
WP Start Date 8/17/06 12:00 AM  
WP End Date 3/12/07 12:00 AM  
Curr. Gross 347  
Orig. Gross 347 lbs (157.4 kgs)  
Tare Weight 270 lbs (122.47 kgs)  
Chemical DRY SOLIDS  
Comments Actual DepU in drum quantified by Material  
Balance estimated to be 35.6Kg Total Tare  
weight above includes mineral oil(86Kg),  
and inner(15.4Kg) and outer(21.3Kg)

## Container Custom

Other Container Size  
(cu meters)  
WAA Receiving Date 03/12/2007  
On-site Use Only? NO  
Manufacturer Serial LFL0028  
No./Batch No.  
Meets SCIL N/A  
Meets SCAL YES  
Overpack for Final N/A  
Shipment to NTS  
Waste Package Seals N/A  
applied?  
Waste Package Seal  
Numbers

## Physical Properties

Drug Precursor NO  
Spent/Unused SPENT  
Waste Form SOLID  
Toxic? F  
Corrosive? F  
Ignitable? F  
Reactive? F  
Extremely Hazardous F  
pH N/A  
pH Sources N/A  
Normality N/A  
Flash Point degrees NA

## Other Waste Properties

MBA Quantity? Yes  
Waste contains > 10 LLNL Pu-Eq grams? No  
Do not store in a fissionable array. No  
NTS Certified? No  
Energy Solutions Certified? No  
On-site Treatment? No  
Does Waste contain EXPLOSIVES (TNT, No  
Does the Waste contain PYROPHORICS Yes  
(Uranium turnings that could  
spontaneously combust if exposed to  
Does Waste contain COMPRESSED GAS No  
(unpunctured aerosol can)?  
Does Waste contain CHELATING AGENTS No  
(Radiac wash > 1% by weight)?  
Does Waste contain PCBs? No

## Rad Custom Properties

TSDF Profile Offsite TSD  
Calc Total Pu-eq-g .0000E+00  
Calc NatU-eq-g 3.5600E+04  
Beryllium grams 0  
Carbon grams 0  
Enriched in Deuterium NO  
Rad Weight determined by CALIBRATED  
SCALE  
Scale Calibration due date 03/17/2007  
Scale serial number 7203904  
≤ mR/hr betagamma at Contact 1  
≤ mR/hr betagamma at 1 Meter 1  
≤ mR/hr Neutron at Contact N/A  
Swipe data complies with on- YES  
site transfer requirements

### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? Yes  
 Waste does NOT comply with LDR Yes  
 Treatment Standards (Yes means it does not comply - specify STP info)?

### Rad Custom Properties

Survey Meter Model  
 Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

### Constituent/Chemical

MIN

AVE

MAX

UOM

No Container Holds

Dep-U Chips in Mineral oil (as an inerter) 100 100 %(CONST)

### Waste Custom Properties

Does waste contain Beryllium? SELECT  
 Site Treatment Plan N/A  
 Acceptable for Sampling? EXEMPT - DE, NOT ACCEPTABLE FOR SAMPLING  
 CC Rule N/A  
 CC Rule Determination N/A  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 RMMA? If yes, and not Rad waste, answer next two questions, also. YES  
 Chemist Review Date  
 Was Waste possibly exposed to processes resulting in Radioactive Contamination? N/A  
 Was Waste exposed to Radioactive inducing particle beam? N/A  
 Does Waste contain radioactive components? YES  
 STP Time Period N/A  
 STP Notes  
 Reason Removed from STP N/A

NUCLIDE

Activity (Ci)

Quant. Meth.

Depleted U 1.3E-2 MASS BALANCE

No EPA Codes

No DTSC

Review Date

Comments

Reviewer

Locked

3/15/07 2:11 PM

CC review complete.

Harpreet Grewal

Yes

4/2/07 9:48 AM

RCA review

Gwynn Aldrich

No

4/2/07 10:10 AM

RCA review complete.

Gwynn Aldrich

Yes

Review Date	Comments	Reviewer	Locked
4/2/07 11:24 AM	Unlocked for Review	Pat Barry	No
4/2/07 11:30 AM	Accepted	Pat Barry	Yes
4/2/07 11:43 AM	QA Complete	Jean Lindsey	Yes
6/8/07 11:11 AM	DONE: Prefill new manifest qty from S01G	Cecilia Castillo	Yes
6/8/07 11:11 AM	Prefill new manifest qty	Cecilia Castillo	No

# Disposal Request Report

7/13/09 4:55 PM

W311276

## W311276

Requester Name Amy Kirch  
Requester Phone 4-6240  
Request Date 3/12/07 12:00 AM  
Location B321B WAA  
Building 321  
Room 1437  
Directorate ENGINEERING  
Account Number 387110  
Form Code B319  
Source Code A491  
Comments IGD# 0321-1437-30-R-OG #585 Dep-U chips and Turnings covered in mineral oil used as inerter.30 gal. drum overpacked to a 55 gal.steel drum Nucfil filters and required gasket on both drums.

## Container Information

Container Q00231315  
Waste Name DEP-U CHIPS AND TURNINGS  
Profile Number R-UMB-0001-01  
Waste Type LLW  
Container Type DM  
Container Size 55G  
Curr. Quantity 34.1  
Orig. Quantity 34.1  
Unit of Measure K  
WP Start Date 11/15/06 12:00 AM  
WP End Date 3/12/07 12:00 AM  
Curr. Gross 338  
Orig. Gross 338 lbs (153.32 kgs)  
Tare Weight 263 lbs (119.3 kgs)  
Chemical DRY SOLIDS  
Comments Actual DepU in drum quantified by Material Balance estimated to be 34.1Kg Total Tare weight above includes mineral oil(82.8Kg), and inner(15.4Kg) and outer(21.3Kg)

## Container Custom

Other Container Size (cu meters)  
WAA Receival Date 03/12/2007  
On-site Use Only? NO  
Manufacturer Serial LFL0049  
No./Batch No.  
Meets SCIL N/A  
Meets SCAL YES  
Overpack for Final Shipment to NTS N/A  
Waste Package Seals applied? N/A  
Waste Package Seal Numbers

## Physical Properties

Drug Precursor NO  
Spent/Unused SPENT  
Waste Form SOLID  
Toxic? F  
Corrosive? F  
Ignitable? F  
Reactive? F  
Extremely Hazardous F  
pH N/A  
pH Sources N/A  
Normality N/A  
Flash Point degrees NA

## Other Waste Properties

MBA Quantity? Yes  
Waste contains > 10 LLNL Pu-Eq grams? No  
Do not store in a fissionable array. No  
NTS Certified? No  
Energy Solutions Certified? No  
On-site Treatment? No  
Does Waste contain EXPLOSIVES (TNT, No  
Does the Waste contain PYROPHORICS Yes  
(Uranium turnings that could spontaneously combust if exposed to  
Does Waste contain COMPRESSED GAS No  
(unpunctured aerosol can)?  
Does Waste contain CHELATING AGENTS No  
(Radiac wash > 1% by weight)?  
Does Waste contain PCBs? No

## Rad Custom Properties

TSDF Profile Offsite TSD  
Calc Total Pu-eq-g .0000E+00  
Calc NatU-eq-g 3.4100E+04  
Beryllium grams 0  
Carbon grams 0  
Enriched in Deuterium NO  
Rad Weight determined by CALIBRATED  
SCALE  
Scale Calibration due date 03/17/2007  
Scale serial number 7203904  
<= mR/hr betagamma at Contact 1  
<= mR/hr betagamma at 1 Meter 1  
<= mR/hr Neutron at Contact N/A  
Swipe data complies with on-site transfer requirements YES

### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? Yes  
 Waste does NOT comply with LDR Yes  
 Treatment Standards (Yes means it does not comply - specify STP info)?

### Rad Custom Properties

Survey Meter Model  
 Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

### Constituent/Chemical

MIN

AVE

MAX

UOM

No Container Holds

Dep-U Chips in Mineral oil (as an inerter) 100 100 %(CONST)

### Waste Custom Properties

Does waste contain Beryllium? SELECT  
 Site Treatment Plan N/A  
 Acceptable for Sampling? EXEMPT - DE, NOT ACCEPTABLE FOR SAMPLING  
 CC Rule N/A  
 CC Rule Determination N/A  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 RMMA? If yes, and not Rad waste, answer next two questions, also. YES  
 Chemist Review Date  
 Was Waste possibly exposed to processes resulting in Radioactive Contamination? N/A  
 Was Waste exposed to Radioactive inducing particle beam? N/A  
 Does Waste contain radioactive components? YES  
 STP Time Period N/A  
 STP Notes  
 Reason Removed from STP N/A

### NUCLIDE

Depleted U

### Activity (Ci)

1.3E-2

### Quant. Meth.

MASS BALANCE

No EPA Codes

No DTSC

Review Date

Comments

Reviewer

Locked

3/15/07 2:06 PM

CC review complete.

Harpreet Grewal

Yes

4/2/07 9:40 AM

RCA review

Gwynn Aldrich

No

4/2/07 10:49 AM

RCA review complete. Waste to be held in RHWM until

Gwynn Aldrich

Yes

Review Date	Comments	Reviewer	Locked
	Offsite TSD.		
4/2/07 11:11 AM	Unlocked for Review	Pat Barry	No
4/2/07 11:22 AM	Accepted	Pat Barry	Yes
4/2/07 11:39 AM	QA Complete	Jean Lindsey	Yes
6/8/07 11:11 AM	DONE: Prefill new manifest qty from S01G	Cecilia Castillo	Yes
6/8/07 11:11 AM	Prefill new manifest qty	Cecilia Castillo	No

# Disposal Request Report

7/13/09 4:55 PM

W309520

W309520		Container Information		Container Custom	
Requester Name	Rob Spence	Container	Q00233552	Other Container Size	
Requester Phone	24742	Waste Name	DEP U CHIPS / TURNINGS AND FLOOR SWEEPINGS	(cu meters)	
Request Date	11/4/08 12:00 AM			WAA Receival Date	
Location	ATGEN	Profile Number	R-UMB-0001-01		
Building	321	Waste Type	LLW	On-site Use Only?	NO
Room	1437	Container Type	DM		
Directorate	ENGINEERING	Container Size	55G	Manufacturer Serial	LFL0118
Account Number	30981	Curr. Quantity	19	No./Batch No.	
Form Code	B319	Orig. Quantity	19	Meets SCIL	YES
Source Code	A491	Unit of Measure	P		
Comments	IGD#0321-1437-10-F-OG See attached CES COC# 17618: W309520: TTLC mg/kg: ALL < REG. NOT MLLW. Field Gamma Spec results. Tare weight includes 2 drums and mineral oil as inerter.	WP Start Date	7/20/07 12:00 AM	Meets SCAL	YES
		WP End Date	11/12/08 12:00 AM		
		Curr. Gross	258	Overpack for Final Shipment to NTS	N/A
		Orig. Gross	258 lbs (117.03 kgs)	Waste Package Seals applied?	N/A
		Tare Weight	241 lbs (109.32 kgs)	Waste Package Seal Numbers	
		Chemical	DRY SOLIDS		
		Comments	mineral oil as inerter. 30 gal. overpacked to a 55 gal.steel drum. Drums have Nucfil filters and required gasket per PI #58. Drum to be treated at OffSite TSDF.		

Physical Properties		Other Waste Properties		Rad Custom Properties	
Drug Precursor	NO	MBA Quantity?	No	TSDF Profile	Off Site TSDF
Spent/Unused	SPENT	Waste contains > 10 LLNL Pu-Eq grams?	No	Calc Total Pu-eq-g	.0000E+00
Waste Form	SOLID	Do not store in a fissionable array.	No	Calc NatU-eq-g	3.8450E+02
Toxic?	F	NTS Certified?	No	Beryllium grams	0
Corrosive?	F	Energy Solutions Certified?	No	Carbon grams	0
Ignitable?	F	On-site Treatment?	No	Enriched in Deuterium	NO
Reactive?	F	Does Waste contain EXPLOSIVES (TNT,	No	Rad Weight determined by	ESTIMATED
Extremely Hazardous	F	Does the Waste contain PYROPHORICS (Uranium turnings that could spontaneously combust if exposed to	Yes	Scale Calibration due date	WEIGHT
pH	N/A	Does Waste contain COMPRESSED GAS (unpunctured aerosol can)?	No	Scale serial number	
pH Sources	N/A	Does Waste contain CHELATING AGENTS (Radiac wash > 1% by weight)?	No	<= mR/hr betagamma at Contact	.1
Normality	N/A	Does Waste contain PCBs?	No	<= mR/hr betagamma at 1 Meter	.1
Flash Point degrees	NA			<= mR/hr Neutron at Contact	N/A
				Swipe data complies with on-site transfer requirements	YES



### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? No  
 Waste does NOT comply with LDR Yes  
 Treatment Standards (Yes means it does not comply - specify STP info)?

### Rad Custom Properties

Survey Meter Model  
 Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

Constituent/Chemical	MIN	AVE	MAX	UOM	Date	Comments	Hold
Aluminum chip/turnings	35		45	%(CONST)	11/14/2008	ANALYTICAL RECEIVED. RELEASED FROM HOLD.	No
Floor Sweepings (Dust)	1		2	%(CONST)			
Niobium	0.001		3	%(CONST)			
Stainless Steel Chips and Turnings	40		50	%(CONST)			

### Waste Custom Properties

Site Treatment Plan N/A  
 Acceptable for Sampling? ACCEPTABLE  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 RMMA? If yes, and not Rad waste, answer next two questions, also. YES  
 Chemist Review Date  
 Was Waste possibly exposed to processes resulting in Radioactive Contamination? N/A  
 Was Waste exposed to Radioactive inducing particle beam? N/A  
 Does Waste contain radioactive components? YES  
 STP Time Period N/A  
 STP Notes  
 CC Rule N/A  
 CC Rule Determination N/A  
 Reason Removed from STP N/A  
 Does waste contain Beryllium? NO

### NUCLIDE

Depleted U

### Activity (Ci)

1.4E-4

### Quant. Meth.

GAMMA SPECTROSCOPY

No EPA Codes	No DTSC	Review Date	Comments	Reviewer	Locked
		11/14/08 11:22 AM	On Hold	Harpreet Grewal	Yes
		11/14/08 11:23 AM	need update	Harpreet Grewal	No

Review Date	Comments	Reviewer	Locked
11/14/08 11:23 AM	On Hold	Harpreet Grewal	No
11/14/08 11:24 AM	On Hold	Harpreet Grewal	Yes
11/14/08 1:33 PM	On HOLD	Jared Dominick	Yes
11/14/08 2:11 PM	Unlocked For Review	Pat Barry	No
11/14/08 2:20 PM	Accepted Conditionally 'On Hold' pending Analytical,	Pat Barry	Yes
11/14/08 2:25 PM	PLACING ON HOLD ~ WAITING FOR ANALYTICAL DATA	Michelle Cardenas	No
11/14/08 2:25 PM	COMPLETED	Michelle Cardenas	Yes
3/5/09 3:05 PM	CHANGE REQUEST AND RELEASE FROM HOLD	Will Coleman	No
3/5/09 3:09 PM	CHANGED AND RELEASED.	Will Coleman	Yes
3/5/09 3:37 PM	QA EDIT	Will Coleman	No
3/5/09 3:41 PM	QA EDIT COMPLETE	Will Coleman	Yes
3/6/09 9:18 AM	CHANGE REQUEST EDITS	Michelle Cardenas	No
3/6/09 9:20 AM	COMPLETE	Michelle Cardenas	Yes

# Disposal Request Report

7/13/09 4:55 PM

W309510

W309510		Container Information		Container Custom	
Requester Name	Rob Spence	Container	Q00227218	Other Container Size	
Requester Phone	4-6240	Waste Name	DEP-U CHIPS/TURNINGS IN MINERAL OIL	(cu meters)	
Request Date	8/22/07 12:00 AM			WAA Receival Date	08/22/2007
Location	B321B WAA	Profile Number	R-UMB-0001-01		
Building	321	Waste Type	LLW	On-site Use Only?	NO
Room	1437	Container Type	DM		
Directorate	ENGINEERING	Container Size	55G	Manufacturer Serial	LFL0033
Account Number	387110	Curr. Quantity	45.1	No./Batch No.	
Form Code	B319	Orig. Quantity	40.37	Meets SCIL	N/A
Source Code	A491	Unit of Measure	K		
Comments	IGD# 0321-1437-30-R-OG Drum #587	WP Start Date	1/16/07 12:00 AM	Meets SCAL	YES
	Dep-U chips & turnings in mineral oil as	WP End Date	8/22/07 12:00 AM		
	inert. 30 Gal. drum overpacked in 55	Curr. Gross	385	Overpack for Final	N/A
	Gal drum. NucFil 013 filters with required	Orig. Gross	385 lbs (174.64 kgs)	Shipment to NTS	
	gasket on both drums. Waste to be held	Tare Weight	106.0 lbs (48.08 kgs)	Waste Package Seals	N/A
	in RHWM for Offsite TSD.	Chemical	DRY SOLIDS	applied?	
		Comments	DepU from Material Balance sheets was 40.37	Waste Package Seal	
			kg. This was used for activity value.	Numbers	
			Note that this is close to difference		
			between Gross - Tare weights, but not		

Physical Properties		Other Waste Properties		Rad Custom Properties	
Drug Precursor	NO	MBA Quantity?	Yes	TSDF Profile	Offsite TSDF
Spent/Unused	SPENT	Waste contains > 10 LLNL Pu-Eq grams?	No	Calc Total Pu-eq-g	.0000E+00
Waste Form	SOLID	Do not store in a fissionable array.	No	Calc NatU-eq-g	4.0370E+04
Toxic?	F	NTS Certified?	No	Beryllium grams	0
Corrosive?	F	Energy Solutions Certified?	No	Carbon grams	0
Ignitable?	F	On-site Treatment?	No	Enriched in Deuterium	NO
Reactive?	F	Does Waste contain EXPLOSIVES (TNT,	No	Rad Weight determined by	CALIBRATED
Extremely Hazardous	F	Does the Waste contain PYROPHORICS	Yes	SCALE	
pH	N/A	(Uranium turnings that could		Scale Calibration due date	03/07/2008
pH Sources	N/A	spontaneously combust if exposed to		Scale serial number	7203904
Normality	N/A	Does Waste contain COMPRESSED GAS	No	<= mR/hr betagamma at Contact	1
Flash Point degrees	NA	(unpunctured aerosol can)?		<= mR/hr betagamma at 1 Meter	1
		Does Waste contain CHELATING AGENTS	No	<= mR/hr Neutron at Contact	N/A
		(Radiac wash > 1% by weight)?		Swipe data complies with on-	YES
		Does Waste contain PCBs?	No	site transfer requirements	

### Other Waste Properties

Does Waste contain FRIABLE ASBESTOS? No  
 Does Waste contain CLASSIFIED MATERIAL? No  
 Does Waste contain FREE LIQUIDS? Yes  
 Waste does NOT comply with LDR Yes  
 Treatment Standards (Yes means it does not comply - specify STP info)?

### Rad Custom Properties

Survey Meter Model  
 Survey Meter Serial Number  
 Survey Meter Reading  
 Survey Meter UOM N/A  
 Survey Meter Calibration due  
 Check source jig number  
 Detector Response (+/- 30%) N/A

### Constituent/Chemical

MIN

AVE

MAX

UOM

No Container Holds

Dep-U Chips in Mineral oil (as an inerter) 100 100 %(CONST)

### Waste Custom Properties

Does waste contain Beryllium? SELECT  
 Site Treatment Plan N/A  
 Acceptable for Sampling? EXEMPT - DE, NOT ACCEPTABLE FOR SAMPLING  
 CC Rule N/A  
 CC Rule Determination N/A  
 Site Treatment Plan Date  
 Site Treatment Plan Date Removed  
 RMMA? If yes, and not Rad waste, answer next two questions, also. YES  
 Chemist Review Date  
 Was Waste possibly exposed to processes resulting in Radioactive Contamination? N/A  
 Was Waste exposed to Radioactive inducing particle beam? N/A  
 Does Waste contain radioactive components? YES  
 STP Time Period N/A  
 STP Notes  
 Reason Removed from STP N/A

### NUCLIDE

Depleted U

### Activity (Ci)

1.5E-2

### Quant. Meth.

MASS BALANCE

No EPA Codes

No DTSC

Review Date

Comments

Reviewer

Locked

8/28/07 8:50 AM

RCA review

Gwynn Aldrich

No

8/28/07 3:35 PM

RCA review complete. This waste being stored at RHWM until sent for treatment at

Gwynn Aldrich

Yes

Review Date	Comments	Reviewer	Locked
8/29/07 7:29 AM	Unlocked For Review	Pat Barry	Yes
8/29/07 7:30 AM	Unlocked For Review	Pat Barry	No
8/29/07 7:36 AM	Accepted	Pat Barry	Yes
8/29/07 7:42 AM	QA Complete	Jean Lindsey	Yes